

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111519\
 Data File : BG043655.D
 Acq On : 15 Nov 2019 17:57
 Operator : JU
 Sample : PB124801BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB124801BS

Manual Integrations
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mohammad
 11/18/2019 3:07:02 PM

Quant Time: Nov 16 02:02:33 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG102119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 04 15:22:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.99	152	23986	20.00	ng	-0.02
21) Naphthalene-d8	10.80	136	100855	20.00	ng	-0.02
39) Acenaphthene-d10	14.63	164	77125	20.00	ng	-0.01
64) Phenanthrene-d10	17.37	188	186245	20.00	ng	-0.02
76) Chrysene-d12	21.64	240	202832	20.00	ng	-0.02
87) Perylene-d12	24.82	264	233837	20.00	ng	-0.04

System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	114214	87.26	ng	0.00
7) Phenol-d6	7.19	99	99551	52.86	ng	0.00
23) Nitrobenzene-d5	9.16	82	175557	89.74	ng	-0.02
42) 2,4,6-Tribromophenol	16.12	330	191803	130.68	ng	-0.01
45) 2-Fluorobiphenyl	13.25	172	501923	89.93	ng	-0.02
79) Terphenyl-d14	19.99	244	1064142	98.43	ng	-0.01

Target Compounds					Qvalue	
2) 1,4-Dioxane	3.45	88	12154	23.827	ng	# 90
3) Pyridine	3.85	79	32235	25.052	ng	99
4) n-Nitrosodimethylamine	3.76	42	20892	32.177	ng	# 92
6) Aniline	7.33	93	51578	23.774	ng	96
8) 2-Chlorophenol	7.57	128	73227	50.678	ng	94
9) Benzaldehyde	7.13	77	42079	45.465	ng	90
10) Phenol	7.22	94	34468	20.029	ng	97
11) bis(2-Chloroethyl)ether	7.41	93	61209	46.004	ng	90
12) 1,3-Dichlorobenzene	7.88	146	65430	36.141	ng	96
13) 1,4-Dichlorobenzene	8.02	146	69944	38.186	ng	97
14) 1,2-Dichlorobenzene	8.35	146	67927	37.981	ng	98
15) Benzyl Alcohol	8.24	79	57545	43.508	ng	93
16) 2,2'-oxybis(1-Chloropropan	8.52	45	83418	43.117	ng	97
17) 2-Methylphenol	8.47	107	54350	43.322	ng	92
18) Hexachloroethane	9.08	117	22302	33.748	ng	88
19) n-Nitroso-di-n-propylamine	8.79	70	59370	48.786	ng	# 94
20) 3+4-Methylphenols	8.79	107	65687m	38.183	ng	
22) Acetophenone	8.82	105	117841	45.625	ng	# 91
24) Nitrobenzene	9.20	77	89018	47.767	ng	98
25) Isophorone	9.72	82	171038	47.821	ng	99
26) 2-Nitrophenol	9.91	139	47865	53.201	ng	97
27) 2,4-Dimethylphenol	9.99	122	60047	46.565	ng	97
28) bis(2-Chloroethoxy)methane	10.20	93	91006	46.102	ng	99
29) 2,4-Dichlorophenol	10.47	162	86235	52.193	ng	91
30) 1,2,4-Trichlorobenzene	10.66	180	81642	39.206	ng	95
31) Naphthalene	10.85	128	229468	44.824	ng	98
32) Benzoic acid	10.16	122	3991	12.338	ng	# 74
33) 4-Chloroaniline	10.98	127	32175	15.332	ng	96
34) Hexachlorobutadiene	11.13	225	52185	33.900	ng	95
35) Caprolactam	11.78	113	6593m	11.586	ng	
36) 4-Chloro-3-methylphenol	12.11	107	95563	53.025	ng	99
37) 2-Methylnaphthalene	12.45	142	183856	46.807	ng	97
38) 1-Methylnaphthalene	12.67	142	180403	48.270	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.82	216	121222	42.470	ng	99

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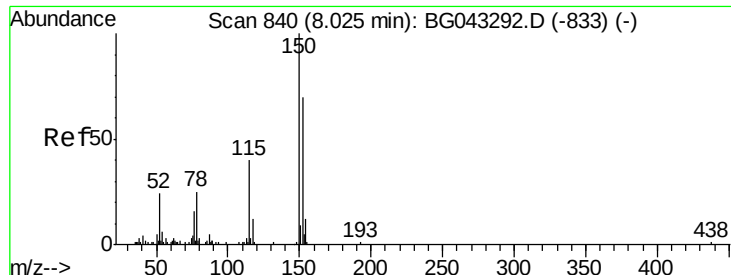
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 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG102119.M
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.80	237	79097	52.753	nq	97
43) 2,4,6-Trichlorophenol	13.07	196	80788	48.062	nq	98
44) 2,4,5-Trichlorophenol	13.16	196	82491	48.542	nq	95
46) 1,1'-Biphenyl	13.46	154	265439	45.241	nq	99
47) 2-Chloronaphthalene	13.51	162	199369	44.659	nq	100
48) 2-Nitroaniline	13.72	65	64607	48.422	nq	96
49) Acenaphthylene	14.35	152	340777	49.047	nq	98
50) Dimethylphthalate	14.08	163	291415	48.782	nq	99
51) 2,6-Dinitrotoluene	14.20	165	64791	49.923	nq	98
52) Acenaphthene	14.69	154	200766	47.383	nq	98
53) 3-Nitroaniline	14.55	138	29813	23.793	nq	96
54) 2,4-Dinitrophenol	14.75	184	67179	82.631	nq	99
55) Dibenzofuran	15.03	168	340665	49.579	nq	99
56) 4-Nitrophenol	14.89	139	35074	41.771	nq	91
57) 2,4-Dinitrotoluene	14.99	165	94172	50.774	nq	# 97
58) Fluorene	15.67	166	286325	49.684	nq	97
59) 2,3,4,6-Tetrachlorophenol	15.26	232	87219	48.307	nq	97
60) Diethylphthalate	15.44	149	292012	48.649	nq	98
61) 4-Chlorophenyl-phenylether	15.66	204	160474	47.733	nq	98
62) 4-Nitroaniline	15.71	138	59320	45.841	nq	95
63) Azobenzene	15.96	77	239832	49.370	nq	95
65) 4,6-Dinitro-2-methylphenol	15.76	198	53750	49.039	nq	91
66) n-Nitrosodiphenylamine	15.89	169	251522	47.834	nq	97
67) 4-Bromophenyl-phenylether	16.56	248	118580	47.310	nq	97
68) Hexachlorobenzene	16.68	284	127662	44.372	nq	97
69) Atrazine	16.83	200	114869	62.870	nq	98
70) Pentachlorophenol	17.04	266	97220	74.158	nq	95
71) Phenanthrene	17.41	178	464332	48.687	nq	100
72) Anthracene	17.51	178	476838	49.972	nq	99
73) Carbazole	17.78	167	432067	50.002	nq	99
74) Di-n-butylphthalate	18.33	149	511362	48.772	nq	98
75) Fluoranthene	19.43	202	625209	50.284	nq	99
77) Benzidine	19.61	184	95969	23.510	nq	99
78) Pyrene	19.79	202	624455	49.737	nq	99
80) Butylbenzylphthalate	20.67	149	234058	49.207	nq	95
81) Benzo(a)anthracene	21.62	228	643418	50.642	nq	99
82) 3,3'-Dichlorobenzidine	21.54	252	163943	33.361	nq	98
83) Chrysene	21.68	228	620343	49.141	nq	97
84) Bis(2-ethylhexyl)phthalate	21.52	149	346541	51.288	nq	100
85) Di-n-octyl phthalate	22.71	149	596521	52.037	nq	99
86) Indeno(1,2,3-cd)pyrene	28.46	276	812241	51.259	nq	99
88) Benzo(b)fluoranthene	23.82	252	688156	51.961	nq	100
89) Benzo(k)fluoranthene	23.88	252	685296	51.400	nq	97
90) Benzo(a)pyrene	24.68	252	627592	49.624	nq	98
91) Dibenzo(a,h)anthracene	28.51	278	691213	53.434	nq	98
92) Benzo(g,h,i)perylene	29.59	276	684154	53.617	nq	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

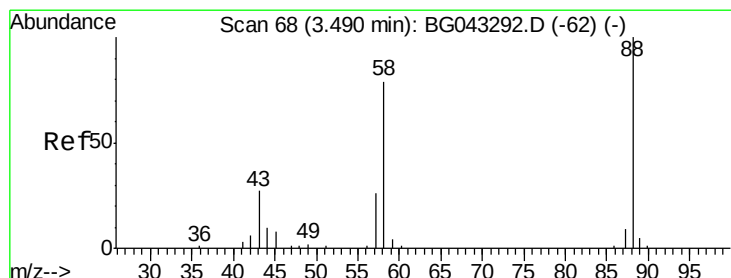
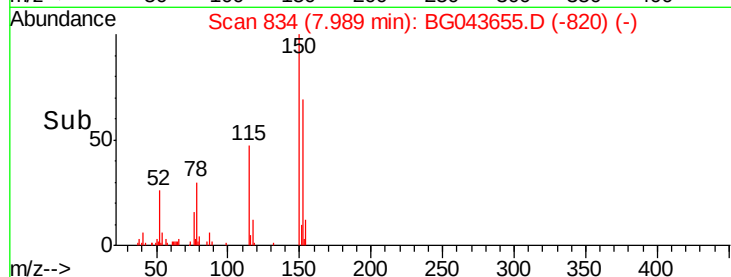
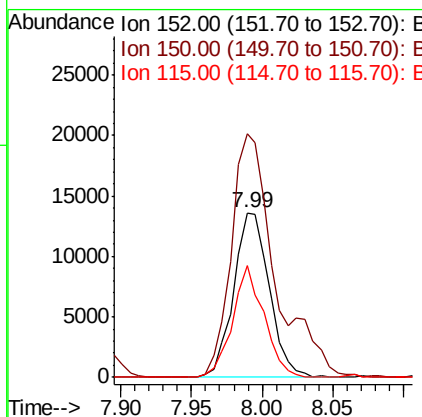
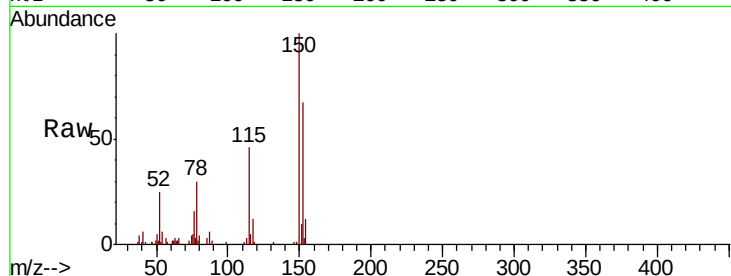
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.99 min Scan# 834
Delta R.T. -0.02 min
Lab File: BG043655.D
Acq: 15 Nov 2019 17:57

Instrument :
BNA_G
ClientSampleID :
PB124801BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	148.2	129.4	194.0
115	67.9	48.8	73.2

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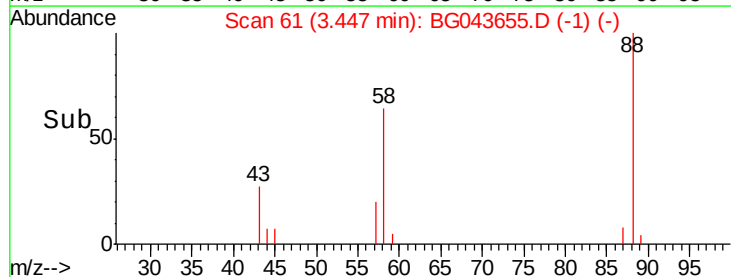
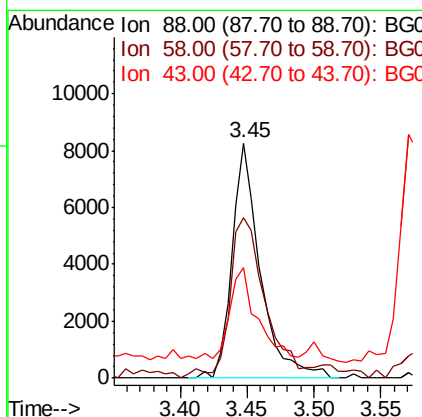
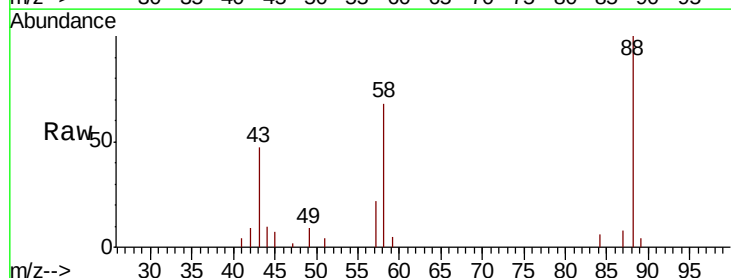
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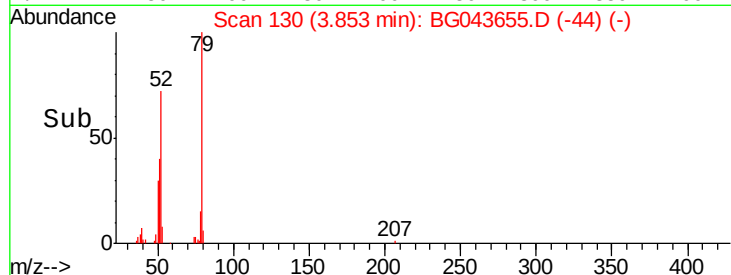
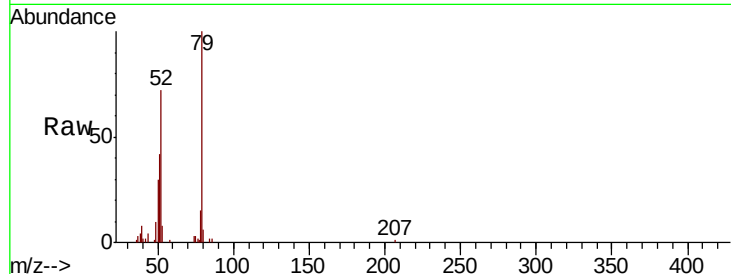
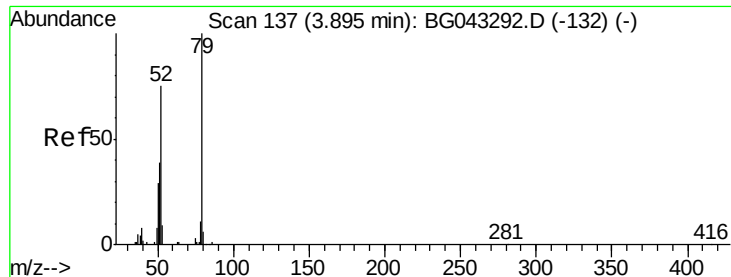


#2

1,4-Dioxane
Concen: 23.827 ng
RT: 3.45 min Scan# 61
Delta R.T. -0.02 min
Lab File: BG043655.D
Acq: 15 Nov 2019 17:57

Tgt Ion	Ratio	Lower	Upper
88	100		
58	86.9	62.7	94.1
43	36.2	23.7	35.5#





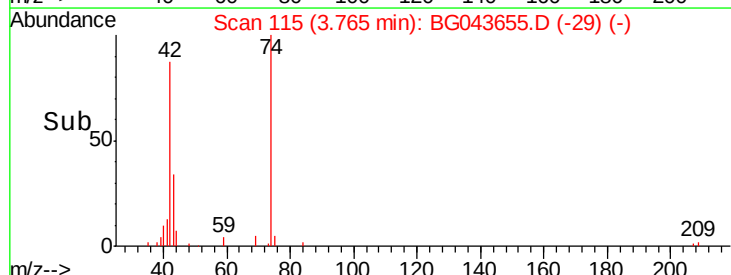
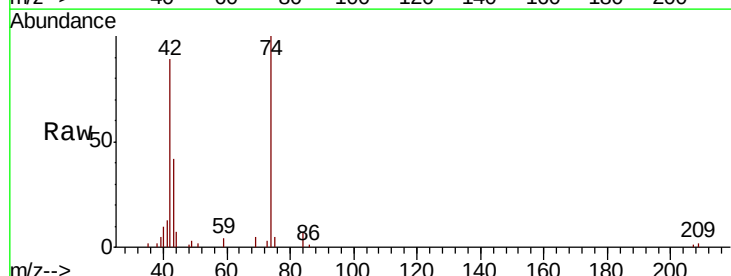
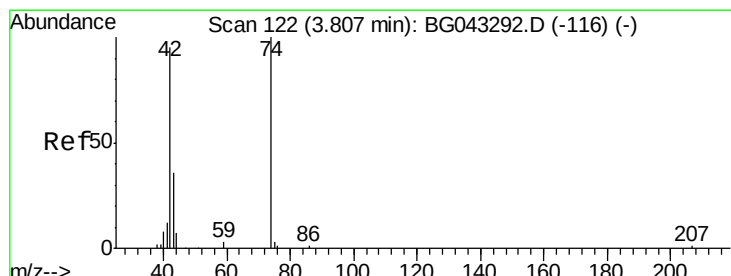
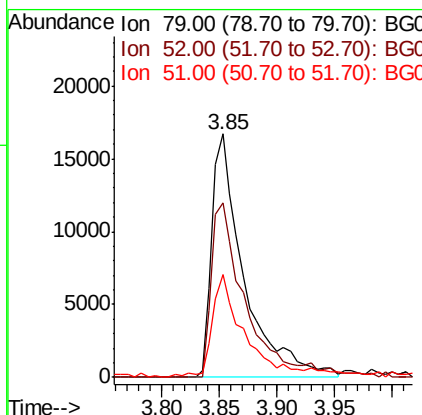
#3
 Pvridine
 Concen: 25.052 ng
 RT: 3.85 min Scan# 130
 Delta R.T. -0.02 min
 Lab File: BG043655.D
 Acq: 15 Nov 2019 17:57

Tot Ion:	79	Resp:	32235
Ion Ratio	Lower	Upper	
79	100		
52	71.6	56.5	84.7
51	42.2	33.2	49.8

Instrument :
 BNA_G
 ClientSampleId :
 PB124801BS

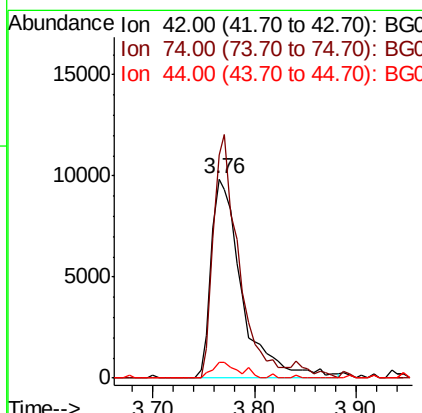
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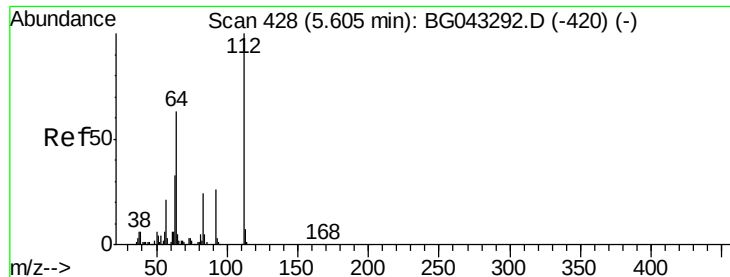
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#4
 n-Nitrosodimethylamine
 Concen: 32.177 ng
 RT: 3.76 min Scan# 115
 Delta R.T. -0.02 min
 Lab File: BG043655.D
 Acq: 15 Nov 2019 17:57

Tgt Ion:	42	Resp:	20892
Ion Ratio	Lower	Upper	
42	100		
74	112.3	97.3	145.9
44	8.0	4.4	6.6#





#5

2-Fluorophenol

Concen: 87.256 ng

RT: 5.59 min Scan# 425

Delta R.T. -0.01 min

Lab File: BG043655.D

Acq: 15 Nov 2019 17:57

Instrument :

BNA_G

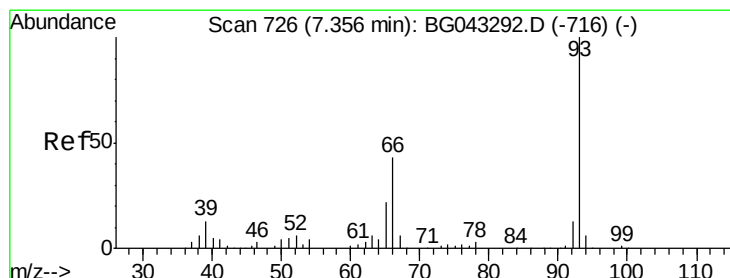
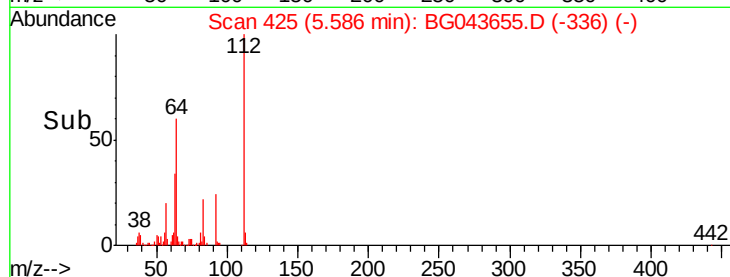
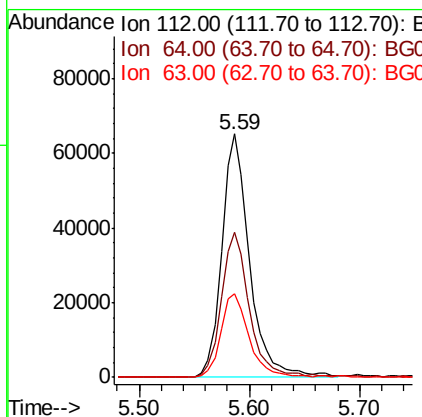
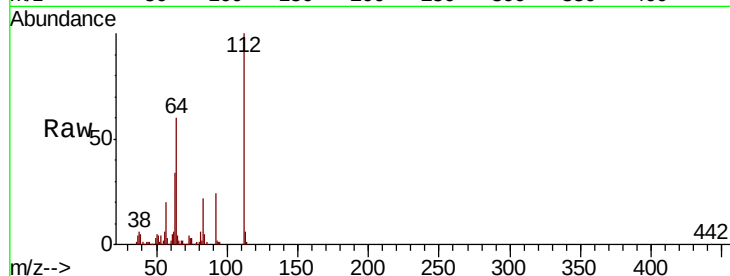
ClientSampleId :

PB124801BS

Tot Ion:	112	Resp:	114214
Ion Ratio	Lower	Upper	
112	100		
64	59.6	50.0	75.0
63	34.2	26.6	40.0

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#6

Aniline

Concen: 23.774 ng

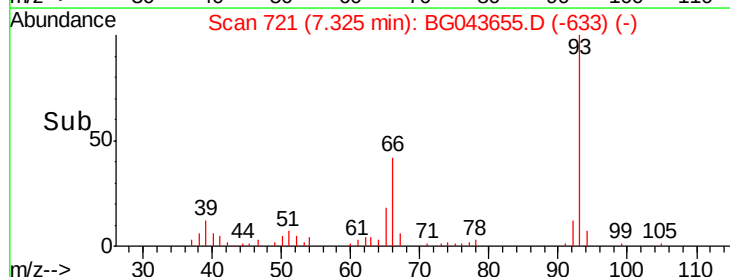
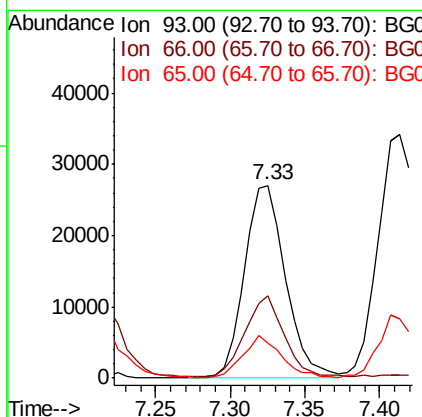
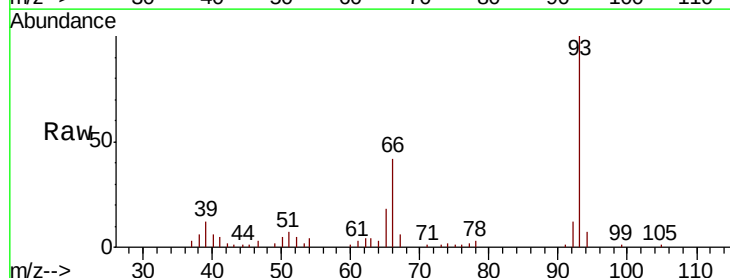
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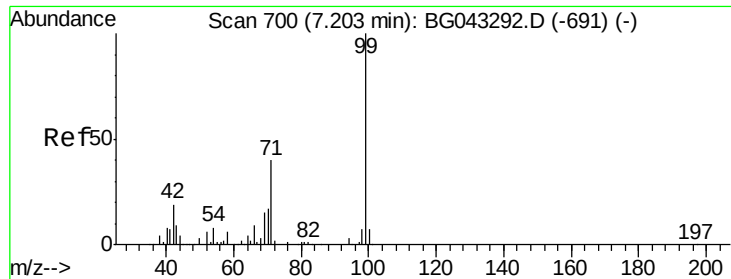
Delta R.T. -0.01 min

Lab File: BG043655.D

Acq: 15 Nov 2019 17:57

Tgt Ion:	93	Resp:	51578
Ion Ratio	Lower	Upper	
93	100		
66	42.5	32.3	48.5
65	17.8	16.1	24.1





#7

Phenol-d6

Concen: 52.860 ng

RT: 7.19 min Scan# 698

Delta R.T. -0.01 min

Lab File: BG043655.D

Acq: 15 Nov 2019 17:57

Instrument :

BNA_G

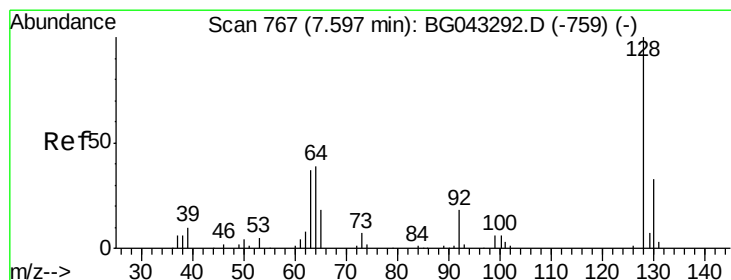
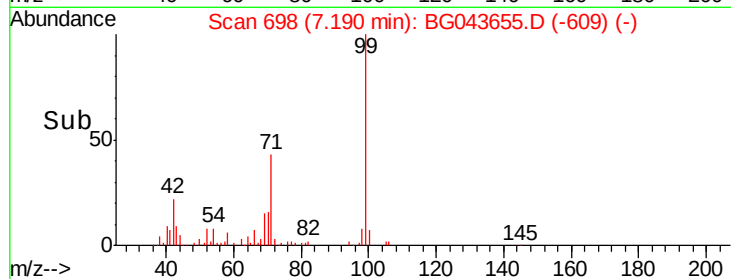
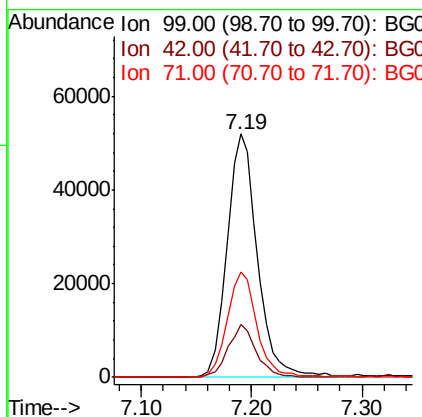
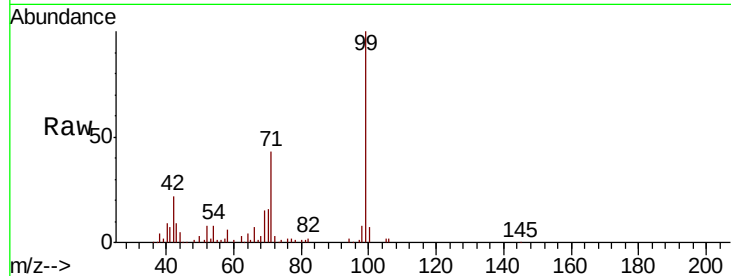
ClientSampleId :

PB124801BS

Tot Ion:	99	Resp:	99551
Ion Ratio	Lower	Upper	
99	100		
42	21.6	14.6	21.8
71	43.5	32.5	48.7

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#8

2-Chlorophenol

Concen: 50.678 ng

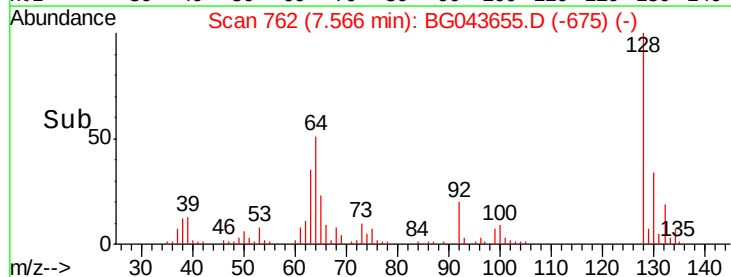
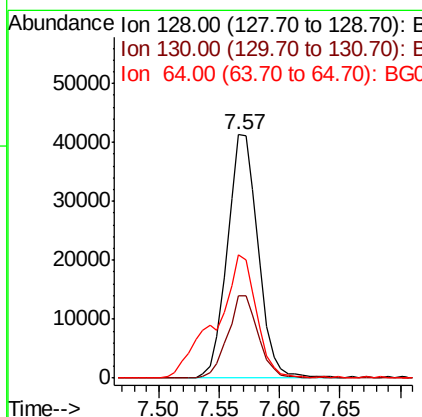
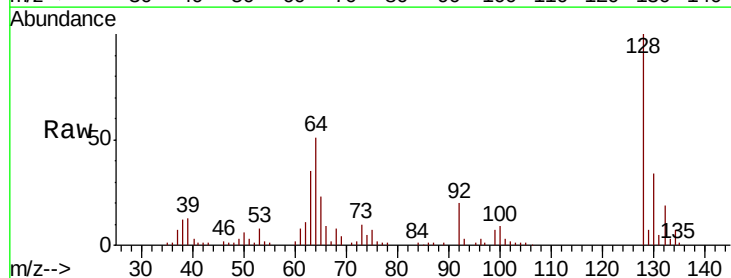
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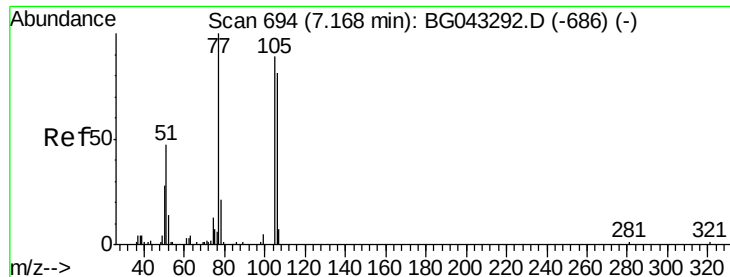
Delta R.T. -0.02 min

Lab File: BG043655.D

Acq: 15 Nov 2019 17:57

Tgt Ion:	128	Resp:	73227
Ion Ratio	Lower	Upper	
128	100		
130	33.6	12.5	52.5
64	50.9	25.3	65.3





#9

Benzaldehyde

Concen: 45.465 ng

RT: 7.13 min Scan# 688

Delta R.T. -0.02 min

Lab File: BG043655.D

Acq: 15 Nov 2019 17:57

Instrument :

BNA_G

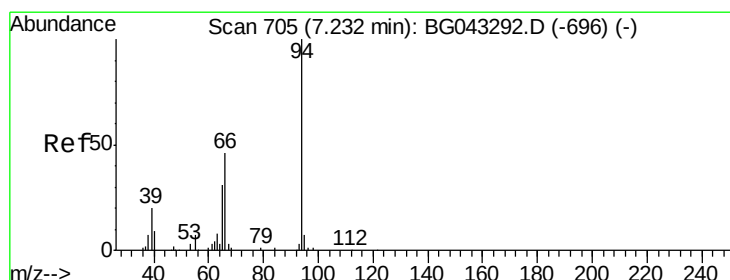
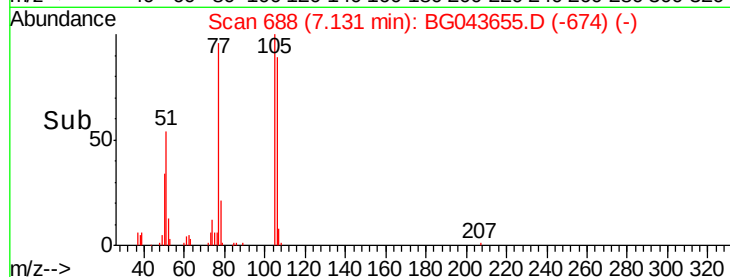
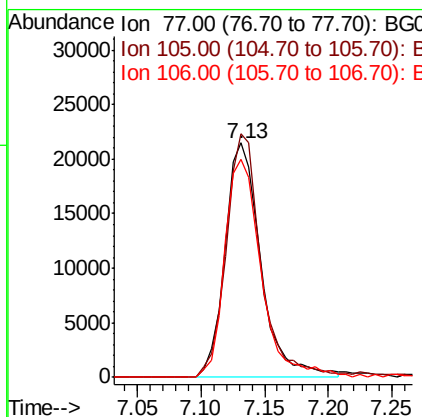
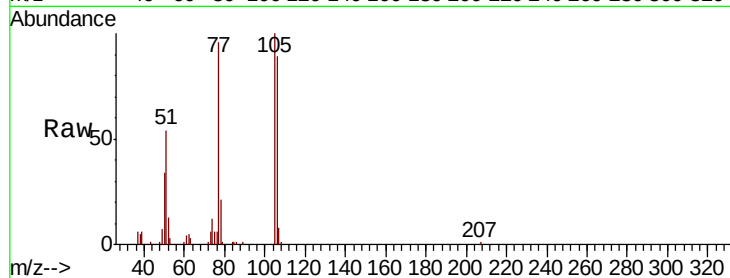
ClientSampleId :

PB124801BS

Tot Ion:	77	Resp:	42079
Ion	Ratio	Lower	Upper
77	100		
105	104.0	68.6	108.6
106	93.0	69.9	109.9

Manual Integrations
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#10

Phenol

Concen: 20.029 ng

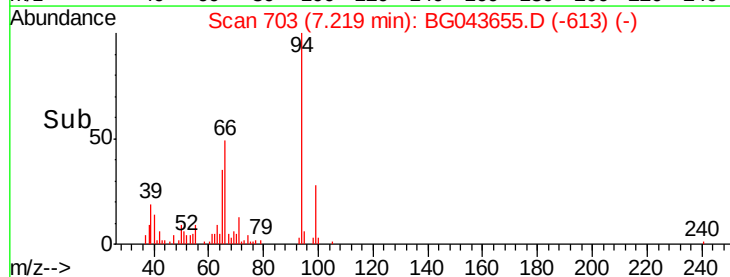
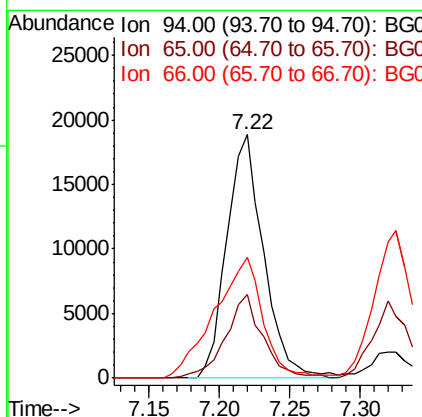
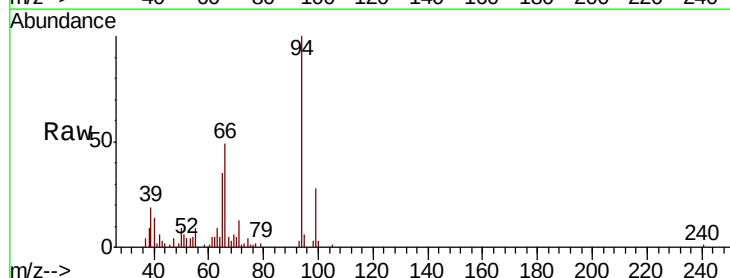
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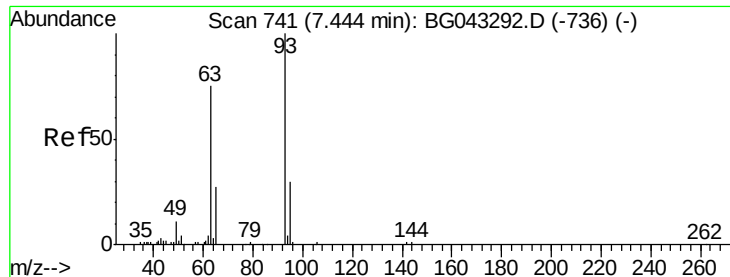
Delta R.T. -0.00 min

Lab File: BG043655.D

Acq: 15 Nov 2019 17:57

Tgt Ion:	94	Resp:	34468
Ion	Ratio	Lower	Upper
94	100		
65	34.5	12.6	52.6
66	49.3	30.7	70.7





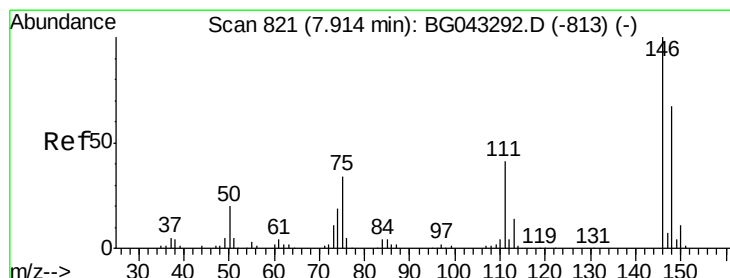
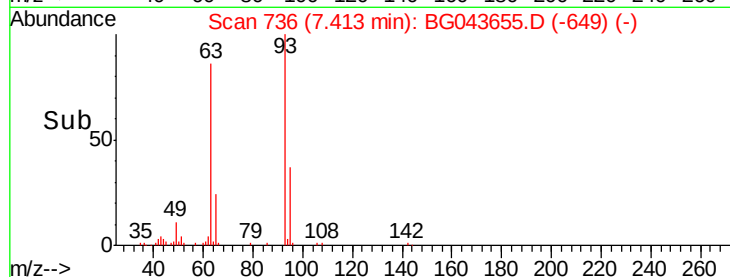
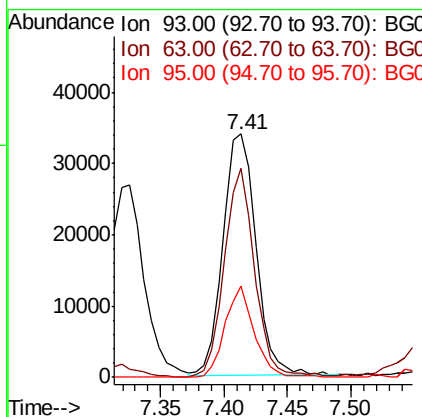
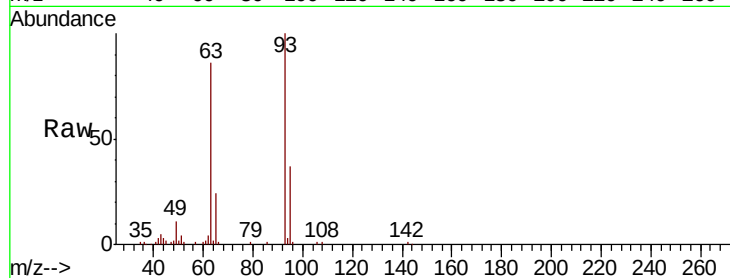
#11
bis(2-Chloroethyl)ether
Concen: 46.004 ng
RT: 7.41 min Scan# 736
Delta R.T. -0.02 min
Lab File: BG043655.D
Acq: 15 Nov 2019 17:57

Instrument :
BNA_G
ClientSampleId :
PB124801BS

Tot Ion	Ratio	Lower	Upper
93	100		
63	85.7	56.3	96.3
95	37.3	12.2	52.2

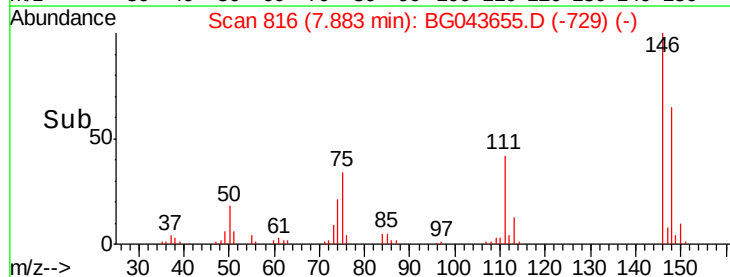
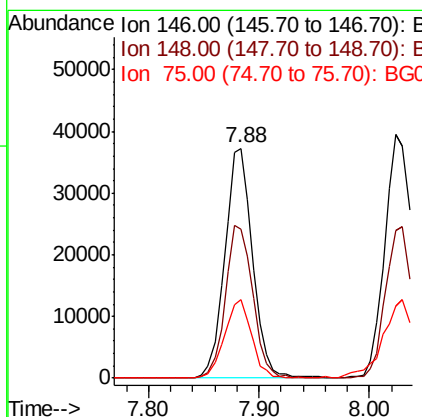
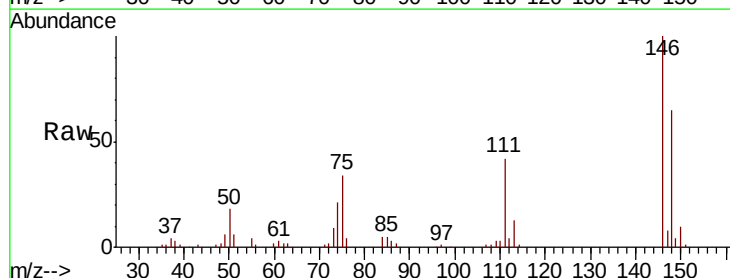
Manual Integrations
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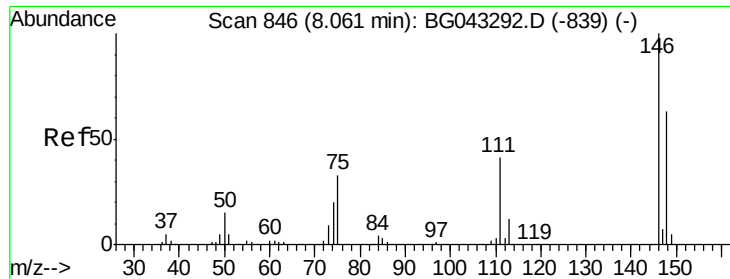
mohammad
11/18/2019 3:07:02 PM



#12
1,3-Dichlorobenzene
Concen: 36.141 ng
RT: 7.88 min Scan# 816
Delta R.T. -0.02 min
Lab File: BG043655.D
Acq: 15 Nov 2019 17:57

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.8	50.3	75.5
75	34.4	24.6	37.0





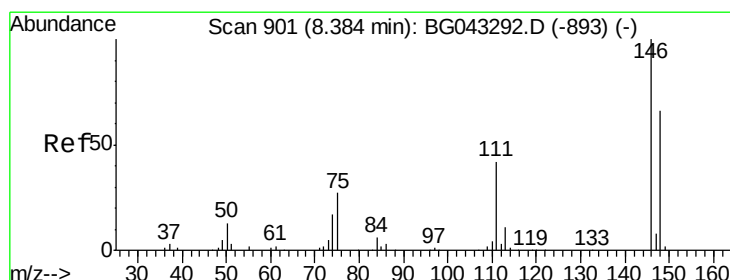
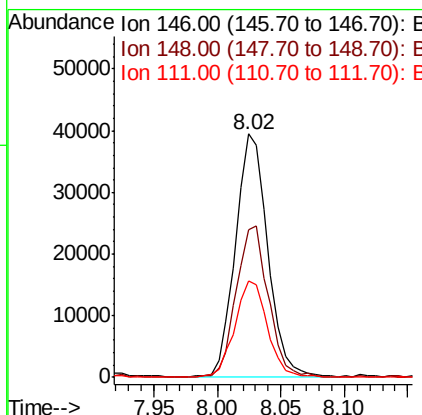
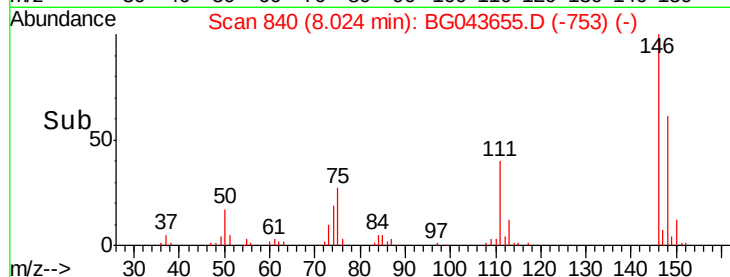
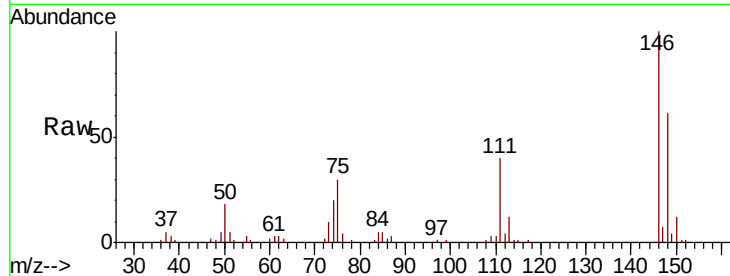
#13
1,4-Dichlorobenzene
Concen: 38.186 ng
RT: 8.02 min Scan# 840
Delta R.T. -0.02 min
Lab File: BG043655.D
Acq: 15 Nov 2019 17:57

Instrument :
BNA_G
ClientSampled :
PB124801BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	60.7	50.7	76.1
111	39.7	33.4	50.2

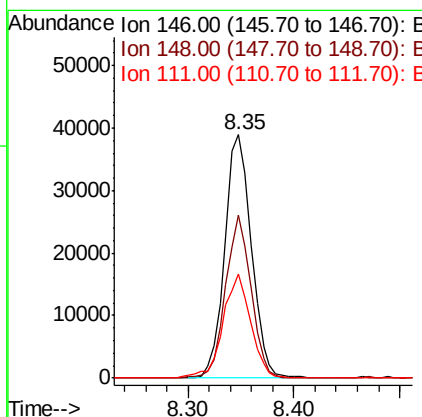
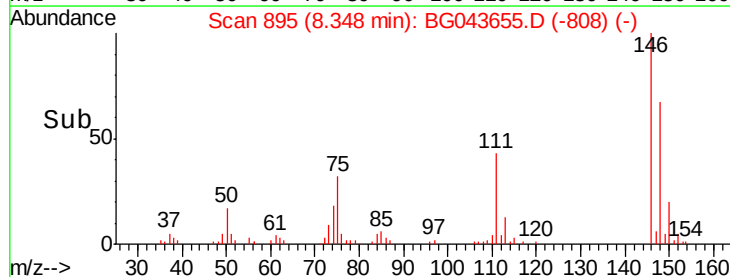
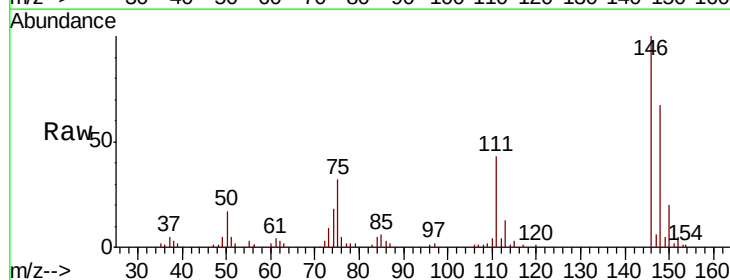
Manual Integrations
APPROVED

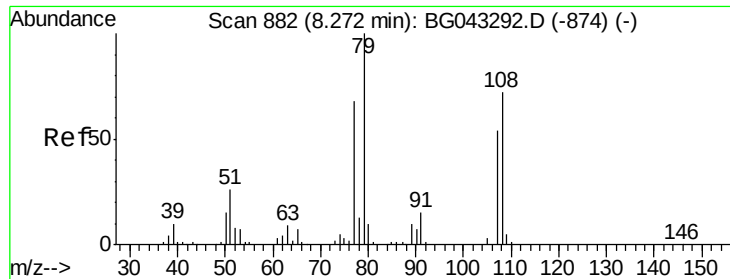
mohammad
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#14
1,2-Dichlorobenzene
Concen: 37.981 ng
RT: 8.35 min Scan# 895
Delta R.T. -0.02 min
Lab File: BG043655.D
Acq: 15 Nov 2019 17:57

Tgt Ion	Ratio	Lower	Upper
146	100		
148	67.1	53.2	79.8
111	42.8	35.8	53.6





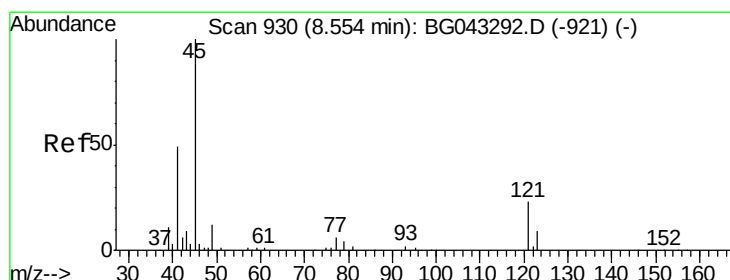
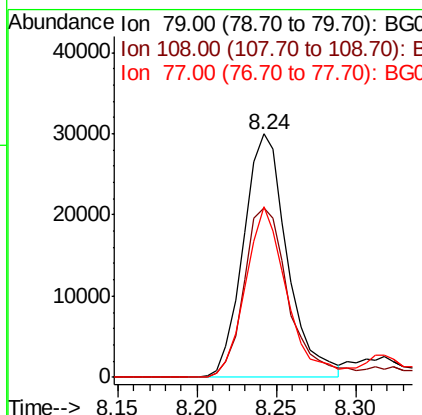
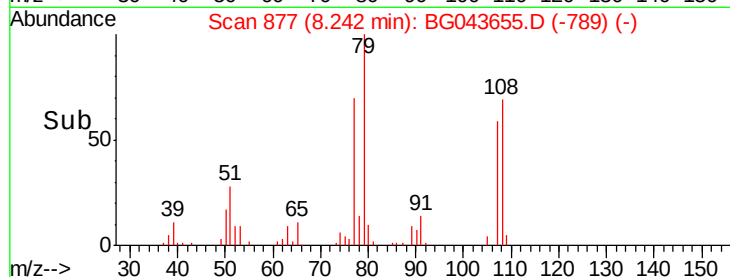
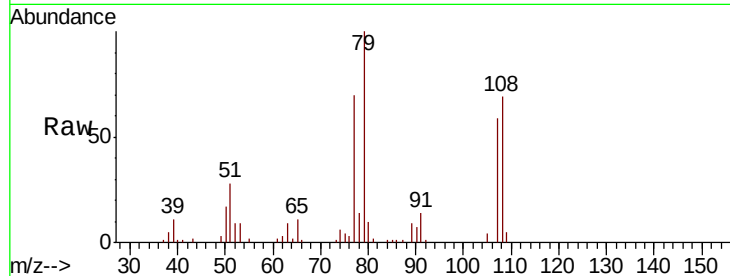
#15
Benzyl Alcohol
Concen: 43.508 ng
RT: 8.24 min Scan# 877
Delta R.T. -0.01 min
Lab File: BG043655.D
Acq: 15 Nov 2019 17:57

Instrument :
BNA_G
ClientSampleId :
PB124801BS

Tot Ion	Ratio	Lower	Upper
79	100		
108	69.4	53.6	80.4
77	69.9	49.6	74.4

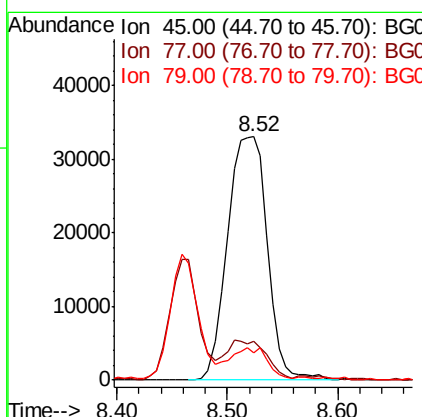
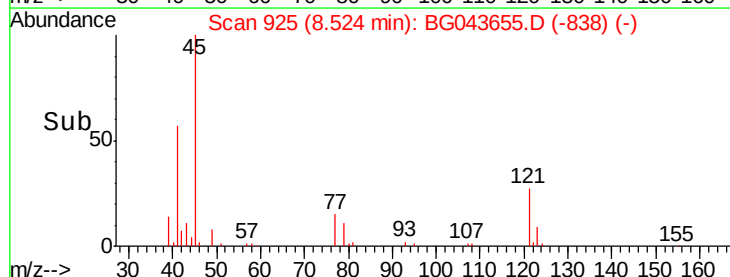
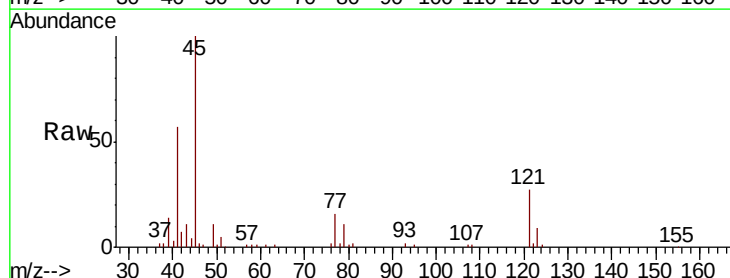
Manual Integrations
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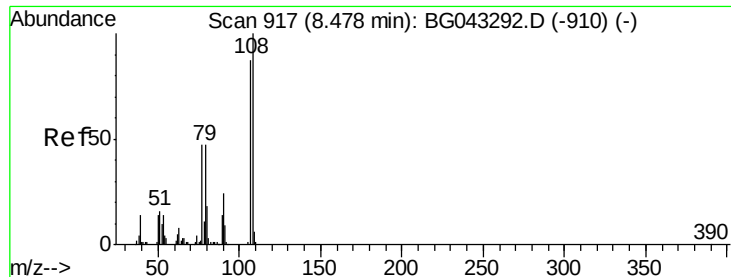
mohammad
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#16
2,2'-oxybis(1-chloropropane)
Concen: 43.117 ng
RT: 8.52 min Scan# 925
Delta R.T. -0.02 min
Lab File: BG043655.D
Acq: 15 Nov 2019 17:57

Tgt Ion	Ratio	Lower	Upper
45	100		
77	16.0	0.0	34.9
79	11.2	0.0	33.0





#17

2-Methylphenol

Concen: 43.322 ng

RT: 8.47 min Scan# 915

Delta R.T. -0.00 min

Lab File: BG043655.D

Acq: 15 Nov 2019 17:57

Instrument :

BNA_G

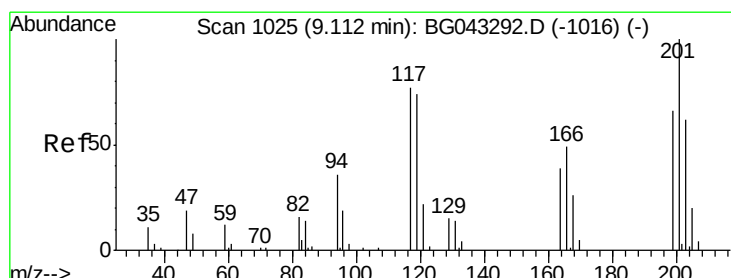
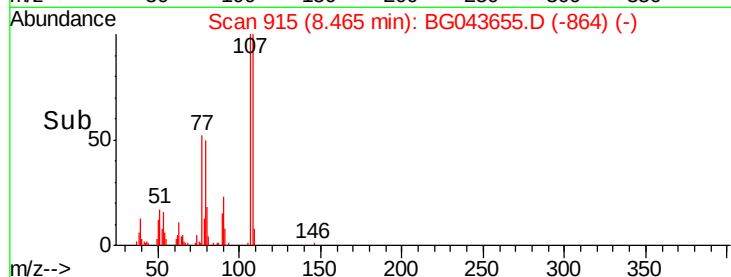
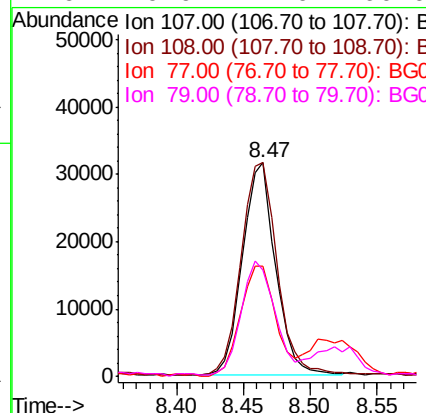
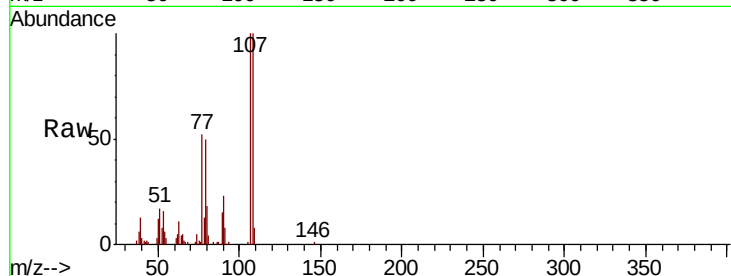
ClientSampleId :

PB124801BS

Tot Ion:	107	Resp:	54350
Ion Ratio	Lower	Upper	
107	100		
108	100.1	90.2	135.4
77	51.6	40.2	60.2
79	49.9	44.0	66.0

Manual Integrations
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#18

Hexachloroethane

Concen: 33.748 ng

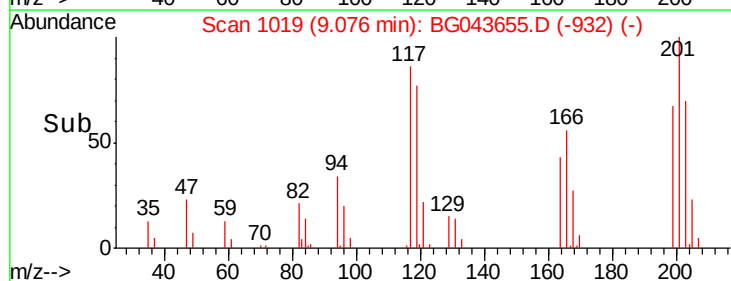
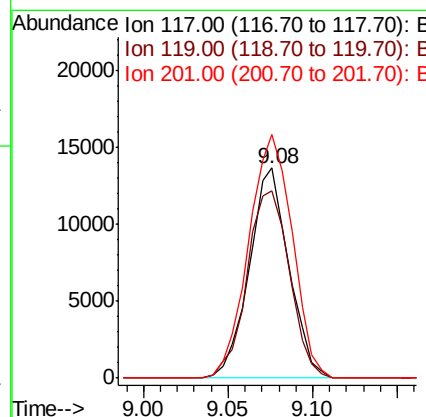
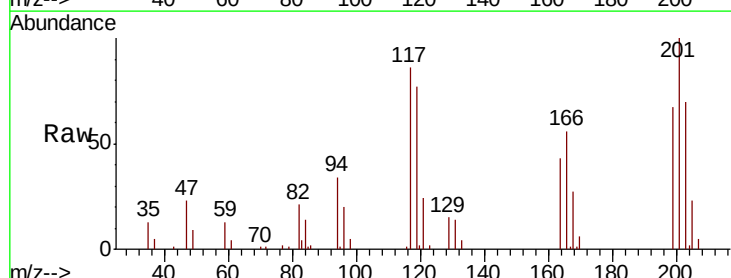
RT: 9.08 min Scan# 1019

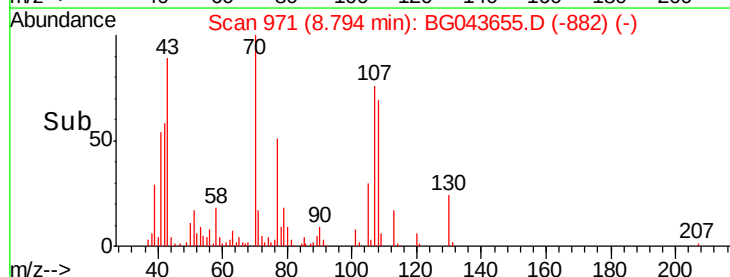
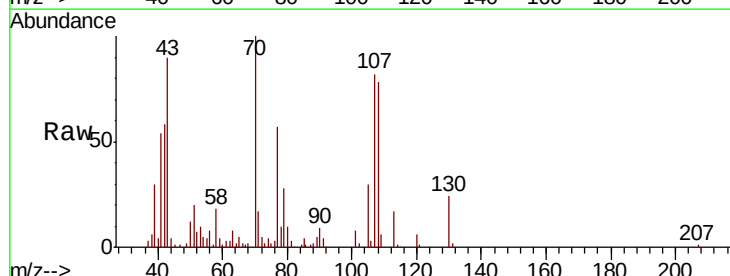
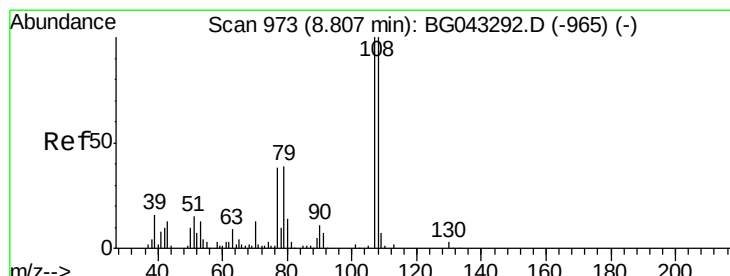
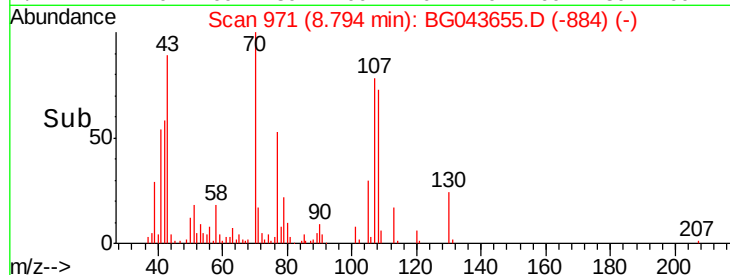
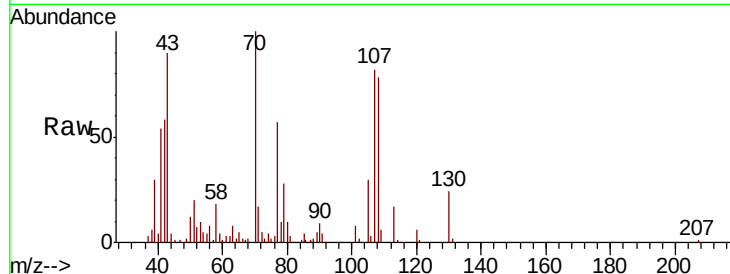
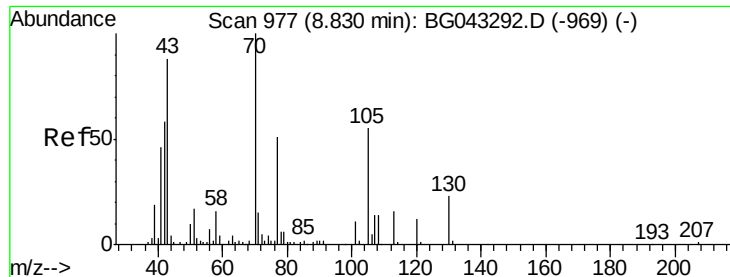
Delta R.T. -0.02 min

Lab File: BG043655.D

Acq: 15 Nov 2019 17:57

Tgt Ion:	117	Resp:	22302
Ion Ratio	Lower	Upper	
117	100		
119	89.2	79.0	118.4
201	116.0	105.4	158.2





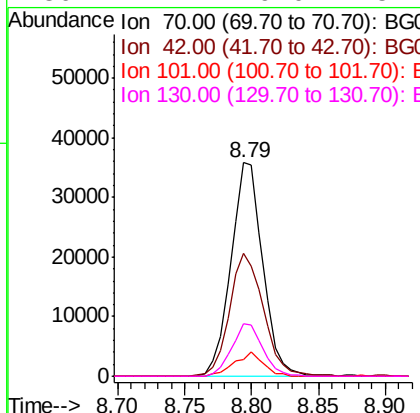
#19
n-Nitroso-di-n-propylamine
Concen: 48.786 ng
RT: 8.79 min Scan# 971
Delta R.T. -0.02 min
Lab File: BG043655.D
Acq: 15 Nov 2019 17:57

Instrument :
BNA_G
ClientSampleId :
PB124801BS

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	57.6	41.4	62.2	
101	7.9	7.9	11.9	
130	24.4	19.0	28.4	

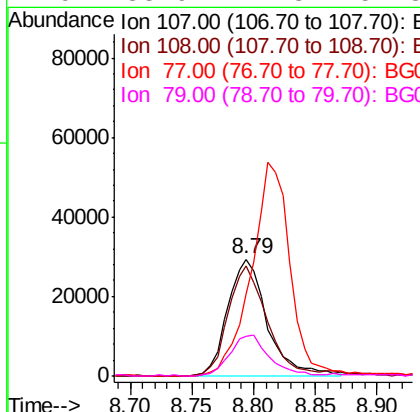
Manual Integrations
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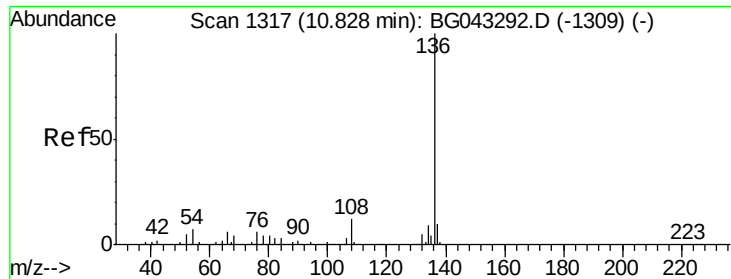
mohammad
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#20
3+4-Methylphenols
Concen: 38.183 ng m
RT: 8.79 min Scan# 971
Delta R.T. -0.01 min
Lab File: BG043655.D
Acq: 15 Nov 2019 17:57

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	94.8	66.6	106.6	
77	69.9	20.9	60.9	
79	33.9	11.3	51.3	





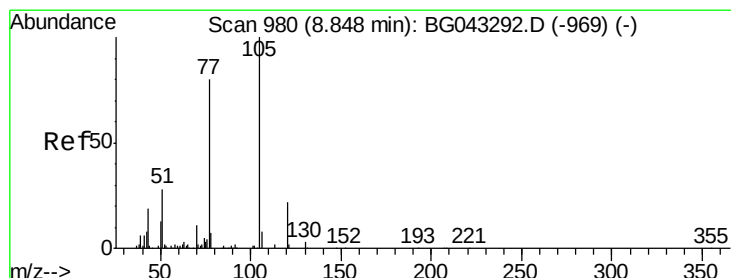
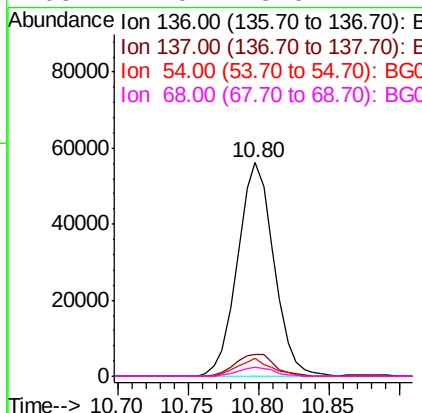
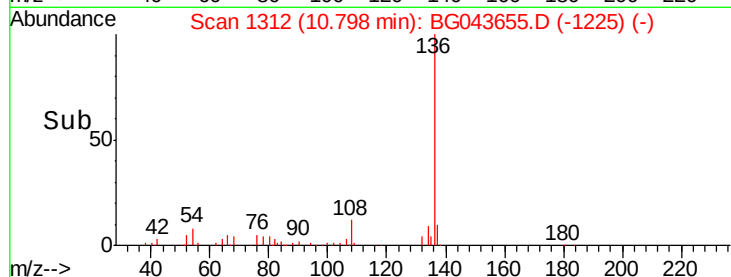
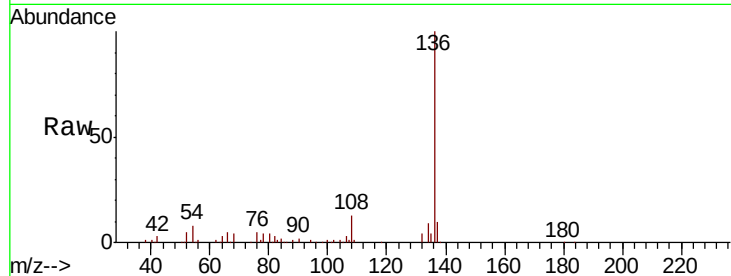
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.80 min Scan# 1312
Delta R.T. -0.02 min
Lab File: BG043655.D
Acq: 15 Nov 2019 17:57

Instrument :
BNA_G
ClientSampleId :
PB124801BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	100855		
137	10.0		8.7	13.1
54	8.1		5.4	8.2
68	4.0		3.0	4.4

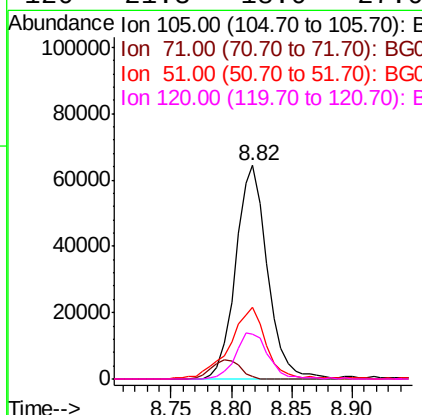
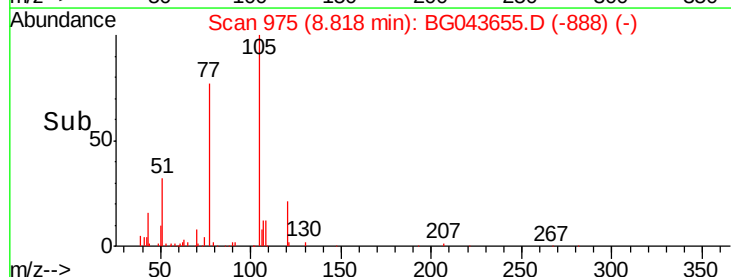
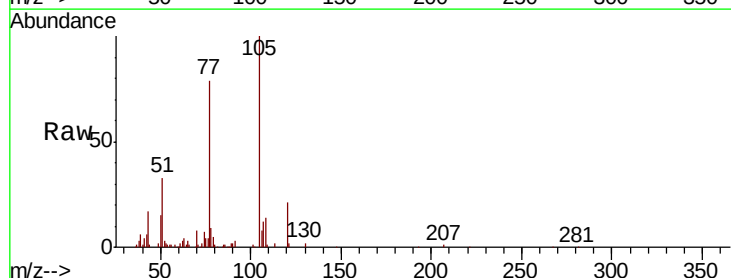
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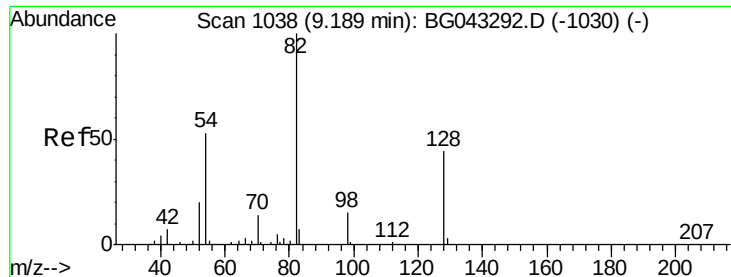
mohammad
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#22
Acetophenone
Concen: 45.625 ng
RT: 8.82 min Scan# 975
Delta R.T. -0.02 min
Lab File: BG043655.D
Acq: 15 Nov 2019 17:57

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	117841		
71	1.4		0.8	1.2#
51	33.5		21.0	31.4#
120	21.3		18.0	27.0





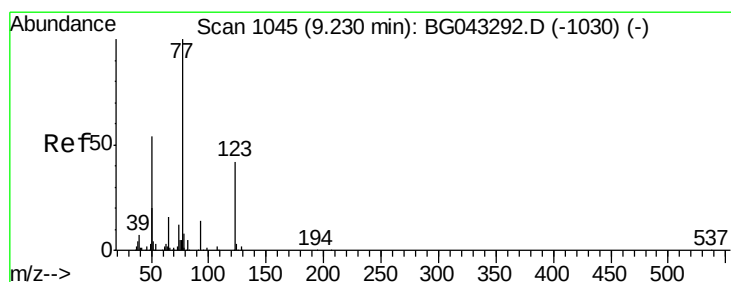
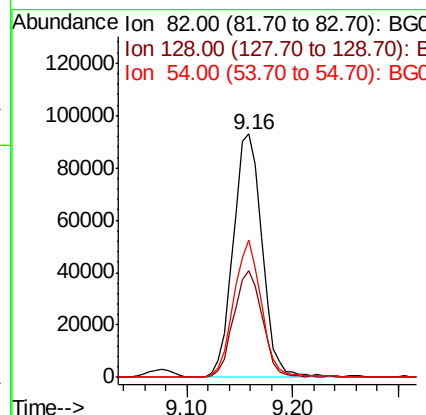
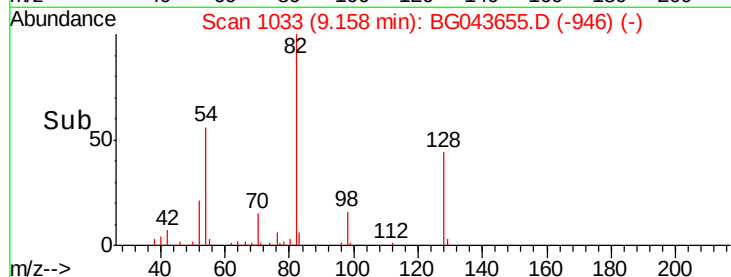
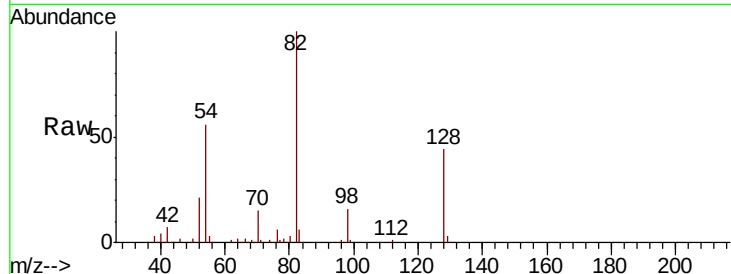
#23
Nitrobenzene-d5
Concen: 89.740 ng
RT: 9.16 min Scan# 1033
Delta R.T. -0.02 min
Lab File: BG043655.D
Acq: 15 Nov 2019 17:57

Instrument :
BNA_G
ClientSampleId :
PB124801BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	43.9	35.0	52.6
54	56.4	40.2	60.2

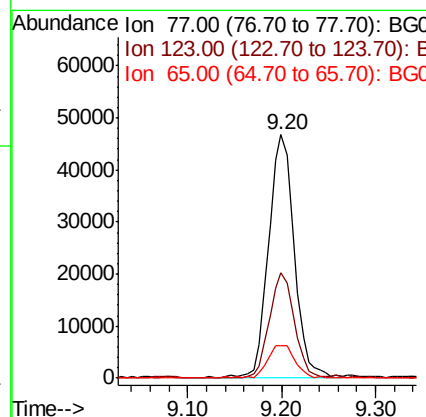
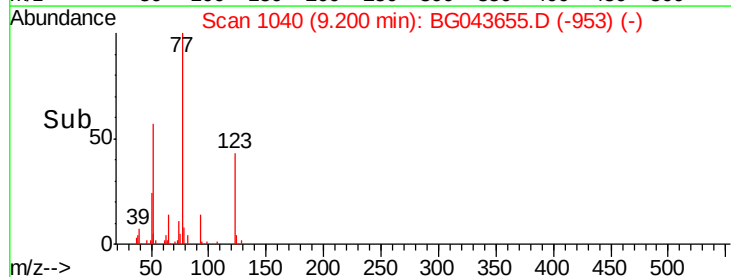
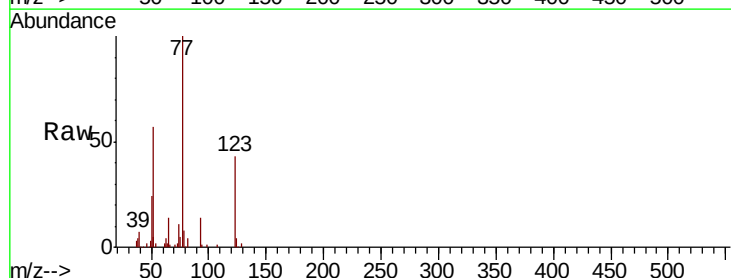
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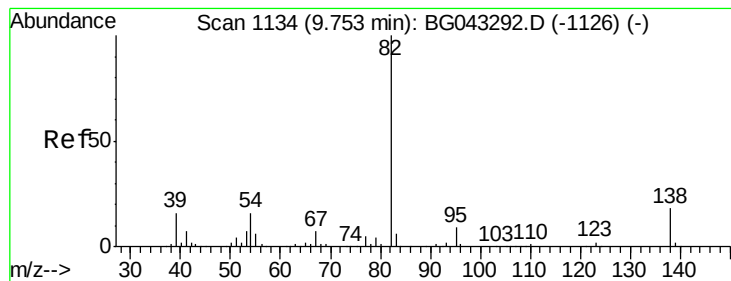
mohammad
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#24
Nitrobenzene
Concen: 47.767 ng
RT: 9.20 min Scan# 1040
Delta R.T. -0.02 min
Lab File: BG043655.D
Acq: 15 Nov 2019 17:57

Tgt Ion	Ratio	Lower	Upper
77	100		
123	43.1	35.0	52.6
65	13.5	9.5	14.3





#25

Isophorone

Concen: 47.821 ng

RT: 9.72 min Scan# 1128

Delta R.T. -0.02 min

Lab File: BG043655.D

Acq: 15 Nov 2019 17:57

Instrument :

BNA_G

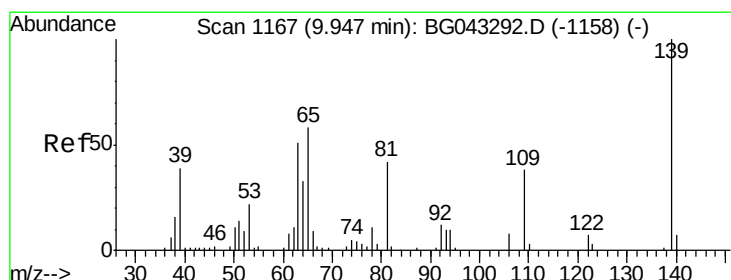
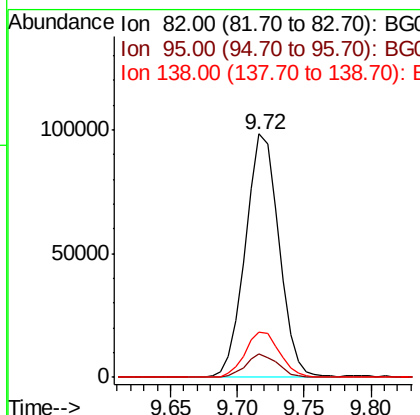
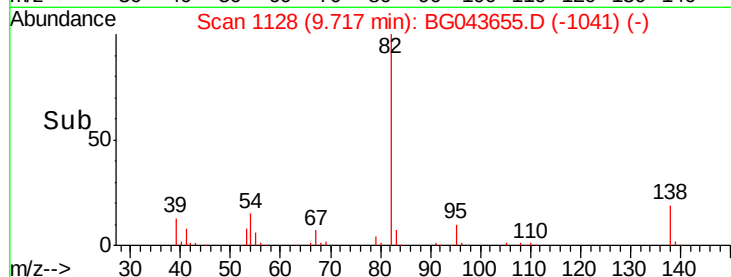
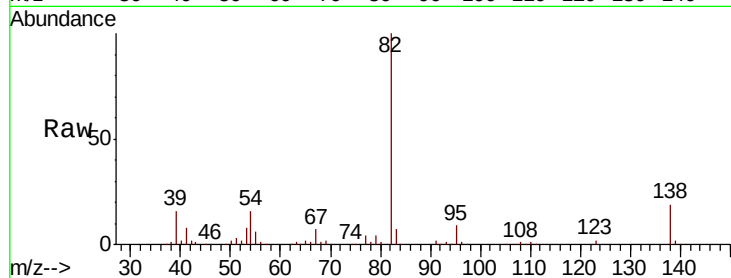
ClientSampleId :

PB124801BS

Tot Ion:	82	Resp:	171038
Ion Ratio	Lower	Upper	
82	100		
95	9.4	6.6	9.8
138	18.7	15.2	22.8

Manual Integrations
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#26

2-Nitrophenol

Concen: 53.201 ng

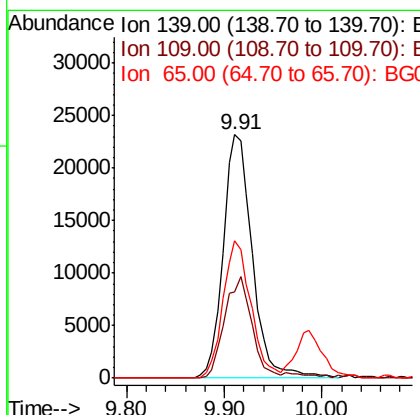
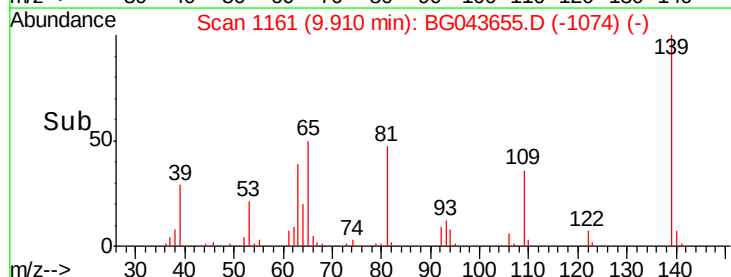
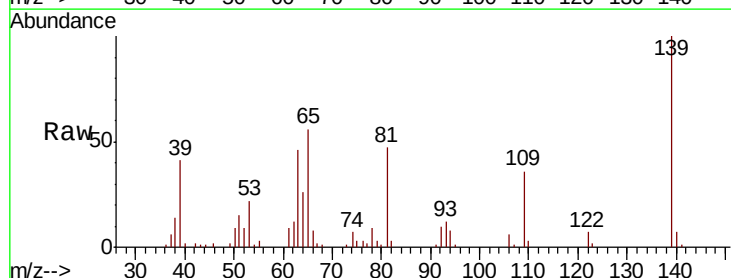
RT: 9.91 min Scan# 1161

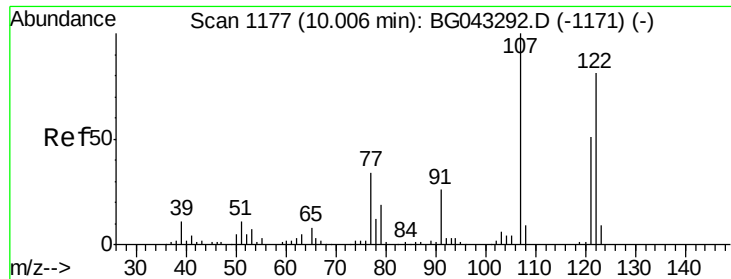
Delta R.T. -0.02 min

Lab File: BG043655.D

Acq: 15 Nov 2019 17:57

Tgt Ion:	139	Resp:	47865
Ion Ratio	Lower	Upper	
139	100		
109	35.5	26.5	39.7
65	56.2	43.8	65.8





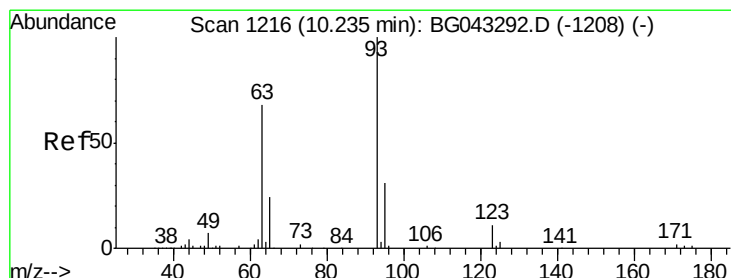
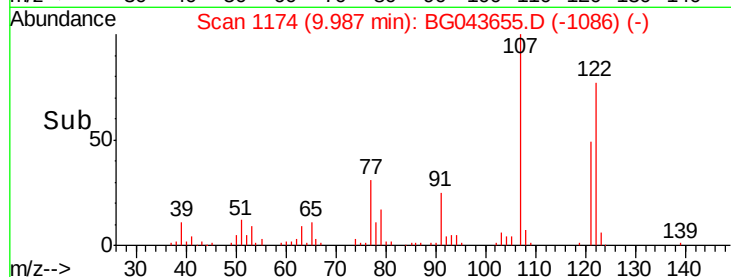
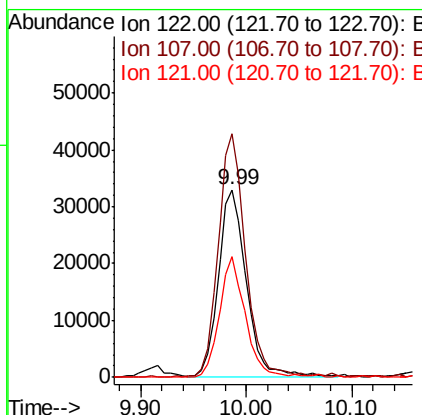
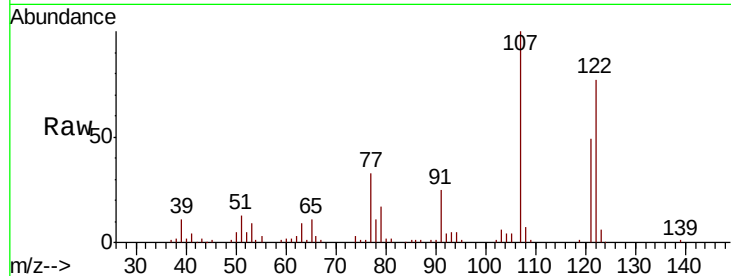
#27
2,4-Dimethylphenol
Concen: 46.565 ng
RT: 9.99 min Scan# 1174
Delta R.T. -0.01 min
Lab File: BG043655.D
Acq: 15 Nov 2019 17:57

Instrument :
BNA_G
ClientSampleId :
PB124801BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
122	100				
107	130.0	104.4	156.6		
121	64.3	47.2	70.8		

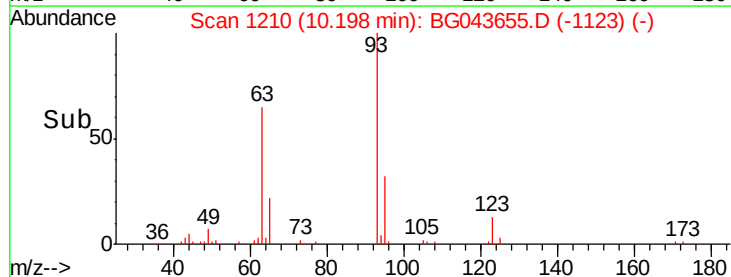
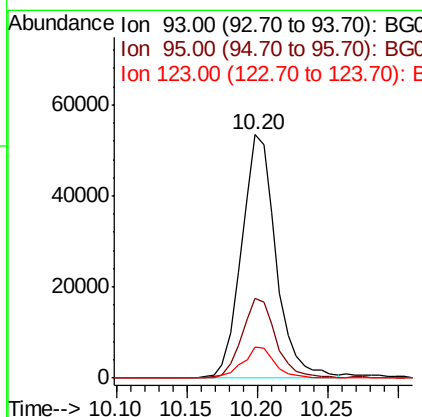
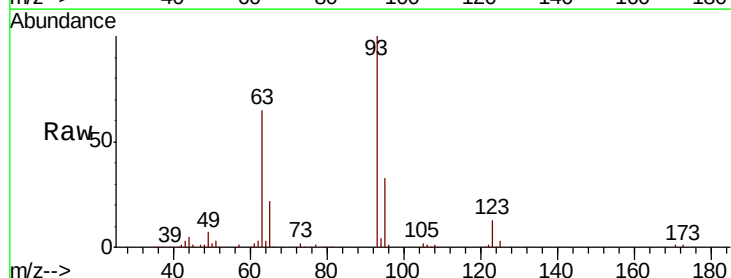
Manual Integrations
APPROVED

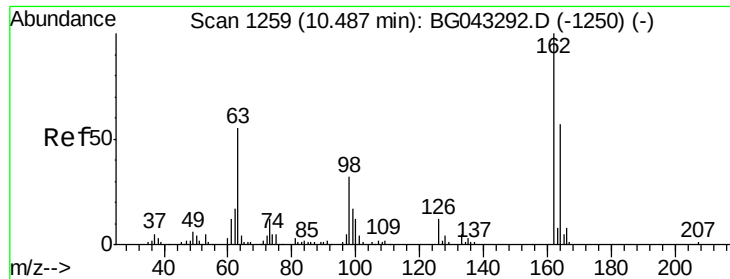
mohammad
11/18/2019 3:07:02 PM



#28
bis(2-Chloroethoxy)methane
Concen: 46.102 ng
RT: 10.20 min Scan# 1210
Delta R.T. -0.02 min
Lab File: BG043655.D
Acq: 15 Nov 2019 17:57

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100				
95	32.6	26.0	39.0		
123	12.6	10.6	15.8		





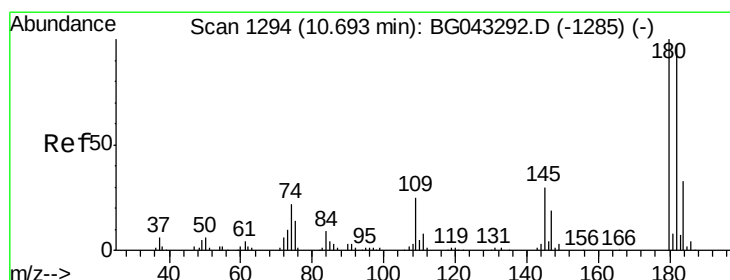
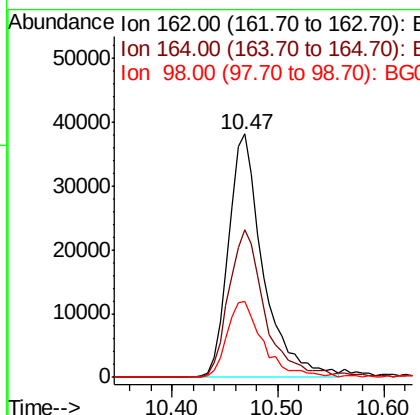
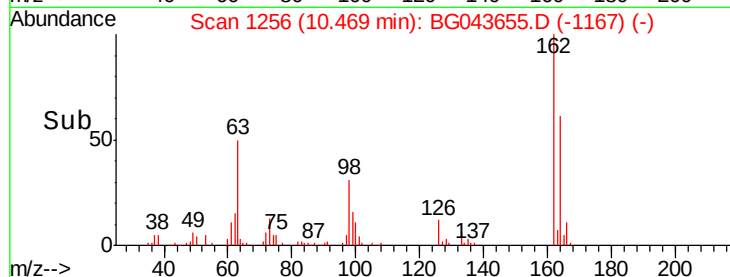
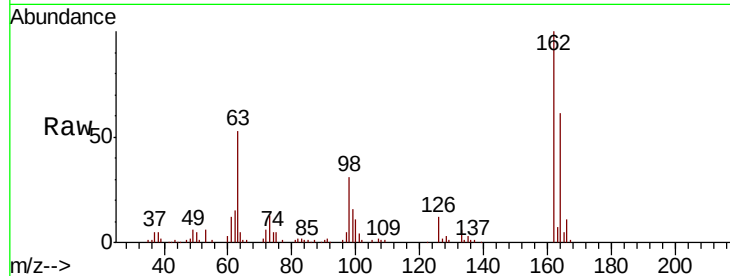
#29
2,4-Dichlorophenol
Concen: 52.193 ng
RT: 10.47 min Scan# 1256
Delta R.T. -0.01 min
Lab File: BG043655.D
Acq: 15 Nov 2019 17:57

Instrument :
BNA_G
ClientSampleID :
PB124801BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	86235		
164	60.6	48.9	88.9	
98	31.3	15.1	55.1	

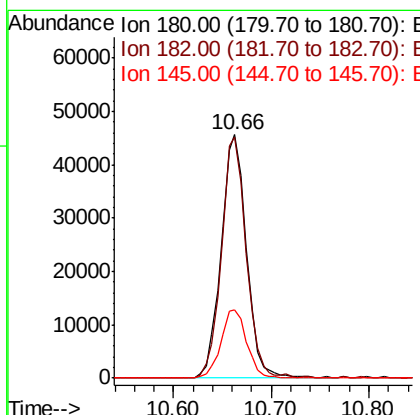
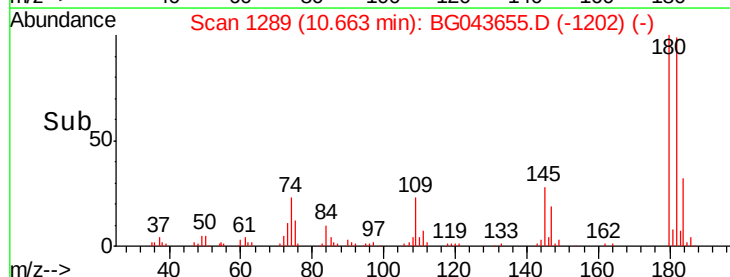
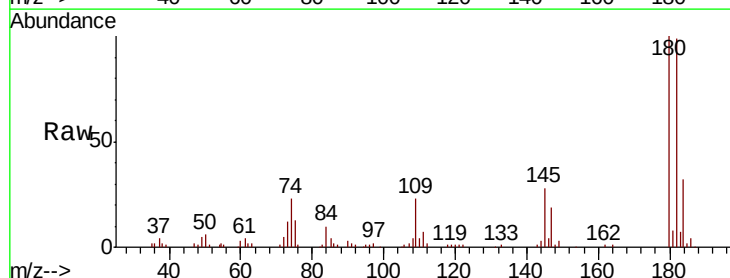
Manual Integrations
APPROVED

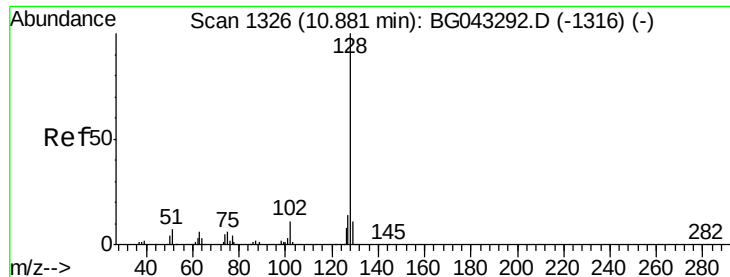
mohammad
11/18/2019 3:07:02 PM



#30
1,2,4-Trichlorobenzene
Concen: 39.206 ng
RT: 10.66 min Scan# 1289
Delta R.T. -0.02 min
Lab File: BG043655.D
Acq: 15 Nov 2019 17:57

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	81642		
182	99.0	75.1	112.7	
145	28.1	23.9	35.9	





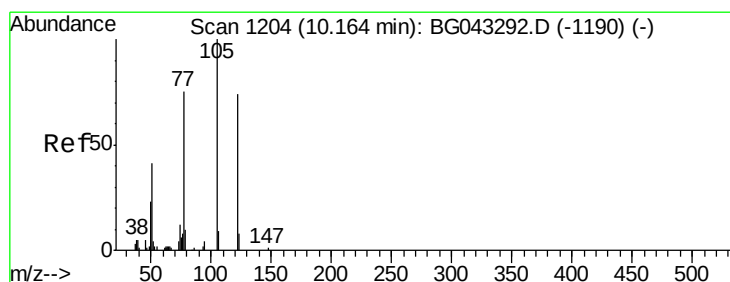
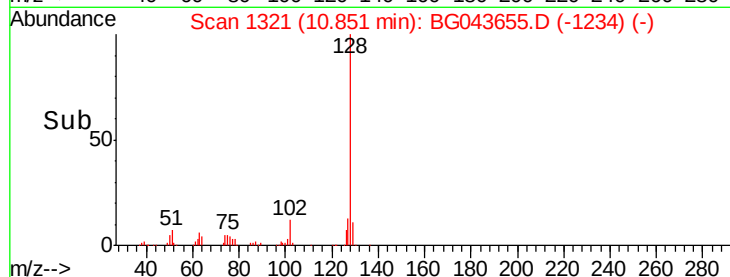
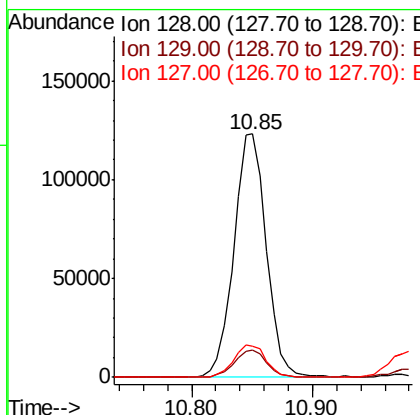
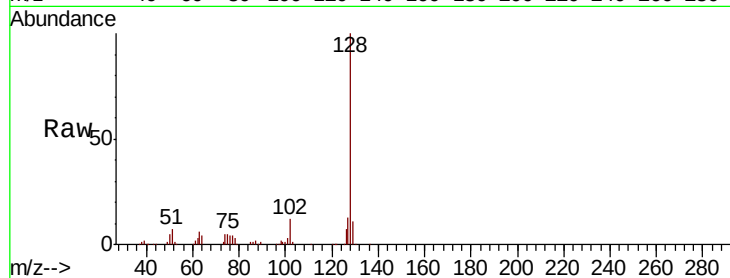
#31
Naphthalene
Concen: 44.824 ng
RT: 10.85 min Scan# 1321
Delta R.T. -0.02 min
Lab File: BG043655.D
Acq: 15 Nov 2019 17:57

Instrument :
BNA_G
ClientSampleId :
PB124801BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.3	9.4	14.0
127	12.6	11.1	16.7

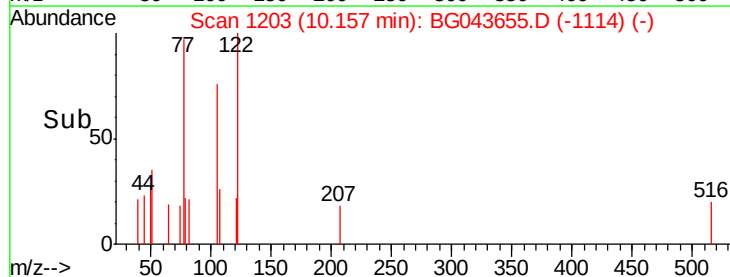
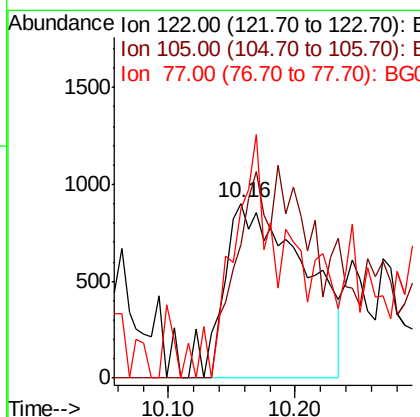
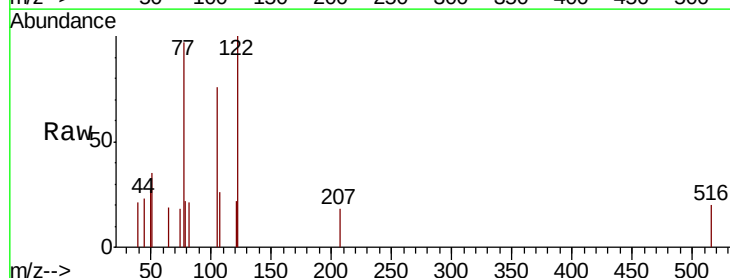
Manual Integrations
APPROVED

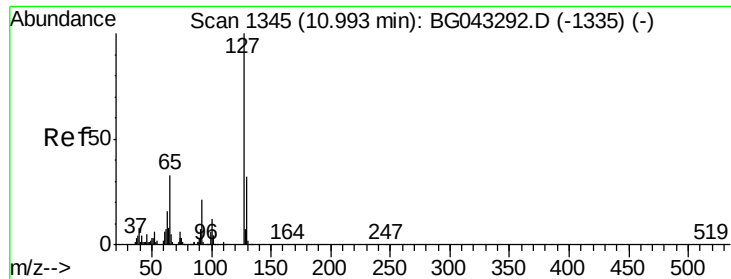
mohammad
11/18/2019 3:07:02 PM



#32
Benzoic acid
Concen: 12.338 ng
RT: 10.16 min Scan# 1203
Delta R.T. -0.01 min
Lab File: BG043655.D
Acq: 15 Nov 2019 17:57

Tgt Ion	Ratio	Lower	Upper
122	100		
105	76.4	103.3	143.3#
77	97.1	84.9	124.9





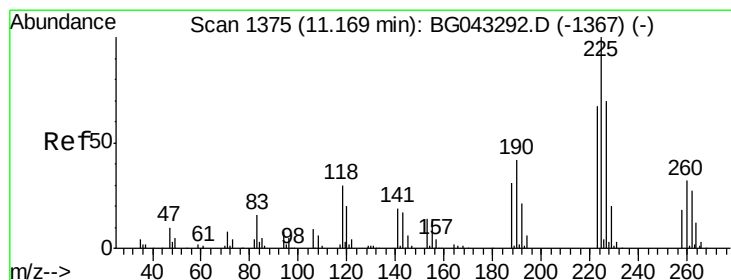
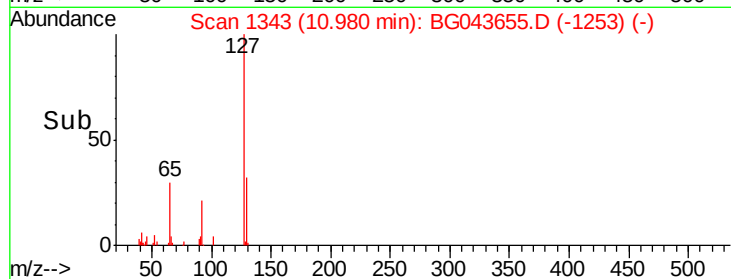
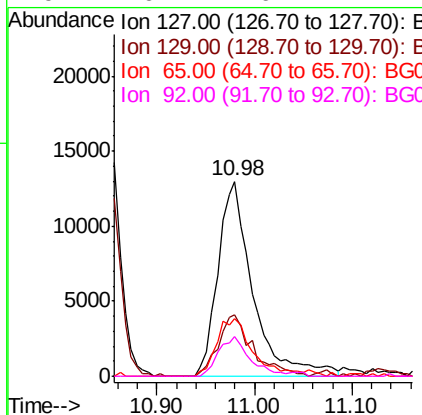
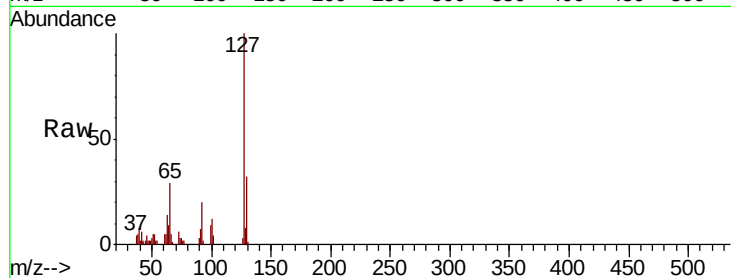
#33
4-Chloroaniline
Concen: 15.332 ng
RT: 10.98 min Scan# 1343
Delta R.T. -0.00 min
Lab File: BG043655.D
Acq: 15 Nov 2019 17:57

Instrument :
BNA_G
ClientSampleId :
PB124801BS

Tot Ion	Ratio	Lower	Upper
127	100		
129	31.5	26.5	39.7
65	29.2	26.4	39.6
92	20.1	16.2	24.2

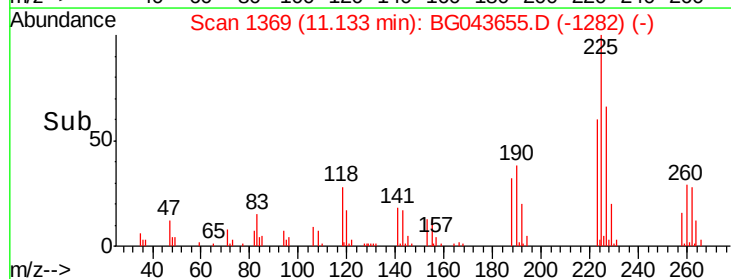
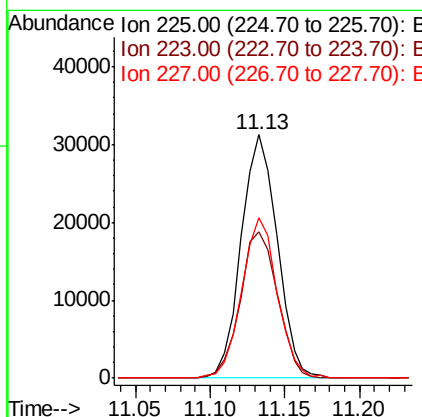
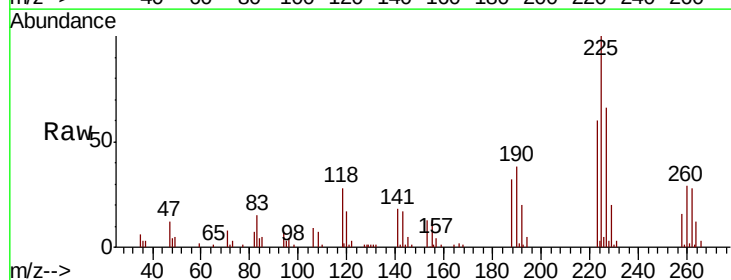
Manual Integrations
APPROVED

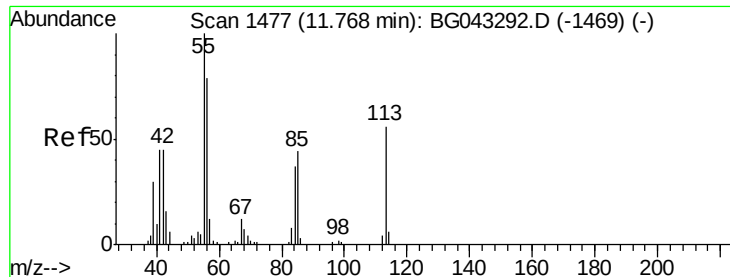
mohammad
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#34
Hexachlorobutadiene
Concen: 33.900 ng
RT: 11.13 min Scan# 1369
Delta R.T. -0.02 min
Lab File: BG043655.D
Acq: 15 Nov 2019 17:57

Tgt Ion	Ratio	Lower	Upper
225	100		
223	60.3	52.7	79.1
227	65.7	54.8	82.2





#35

Caprolactam

Concen: 11.586 ng/ml

RT: 11.78 min Scan# 1479

Delta R.T. 0.03 min

Lab File: BG043655.D

Acq: 15 Nov 2019 17:57

Instrument :

BNA_G

ClientSampleId :

PB124801BS

Tot Ion:113 Resp: 6593

Ion Ratio Lower Upper

113 100

55 106.7 134.1 174.1#

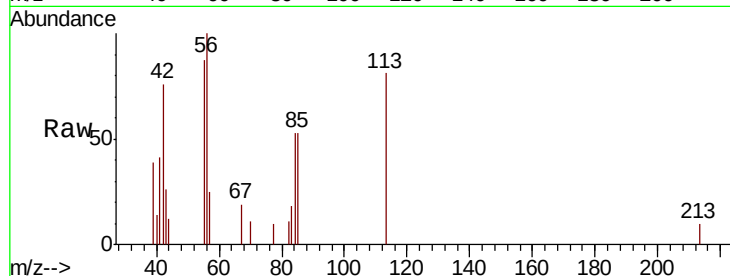
56 123.0 100.4 140.4

Manual Integrations

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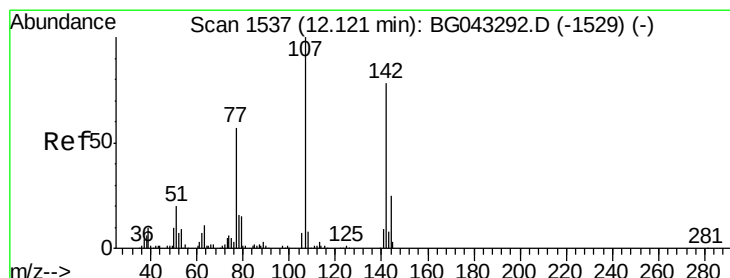
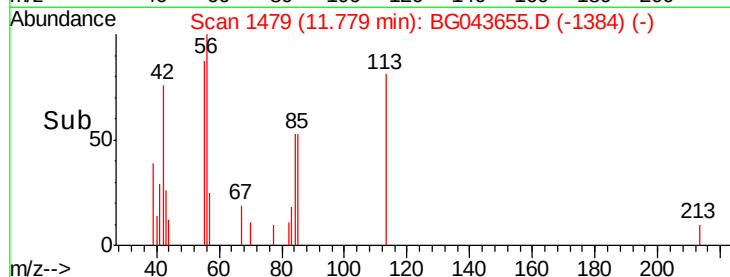
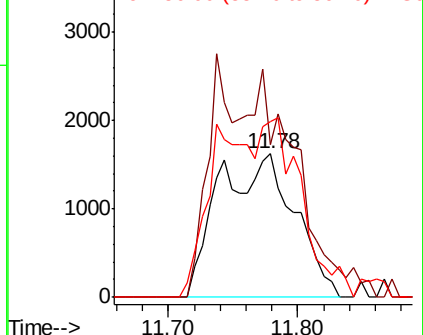
11/18/2019 3:07:02 PM



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#36

4-Chloro-3-methylphenol

Concen: 53.025 ng/ml

RT: 12.11 min Scan# 1535

Delta R.T. -0.01 min

Lab File: BG043655.D

Acq: 15 Nov 2019 17:57

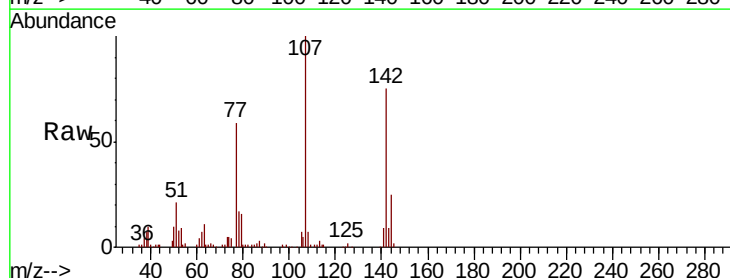
Tgt Ion:107 Resp: 95563

Ion Ratio Lower Upper

107 100

144 25.1 20.9 31.3

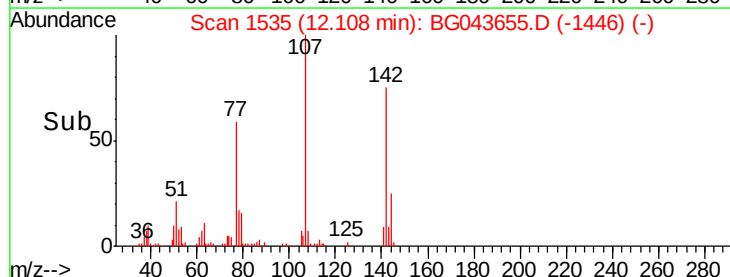
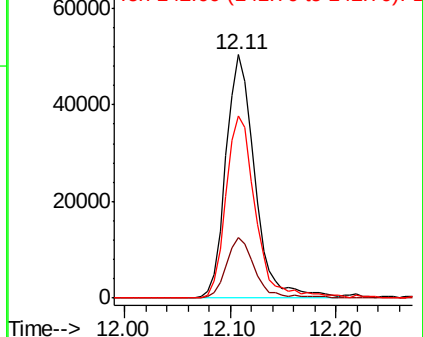
142 74.9 59.6 89.4

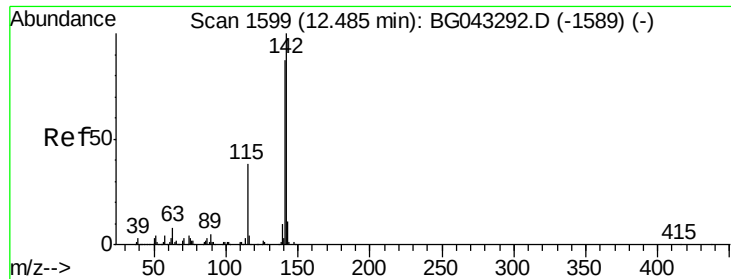


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





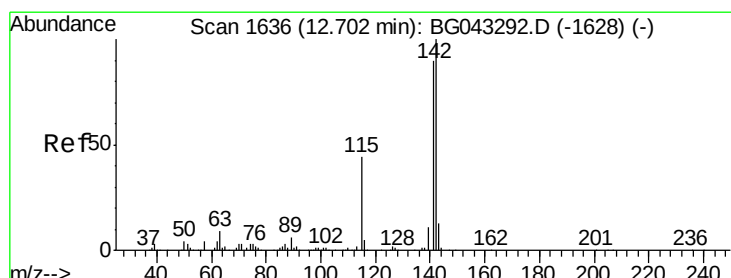
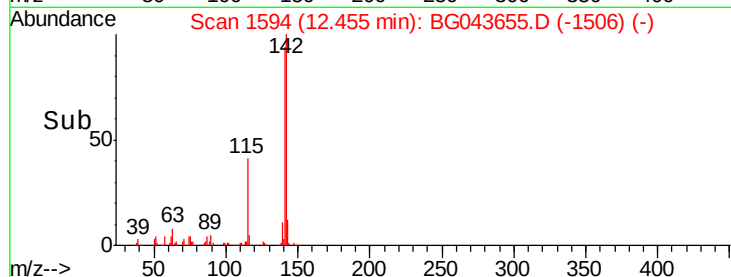
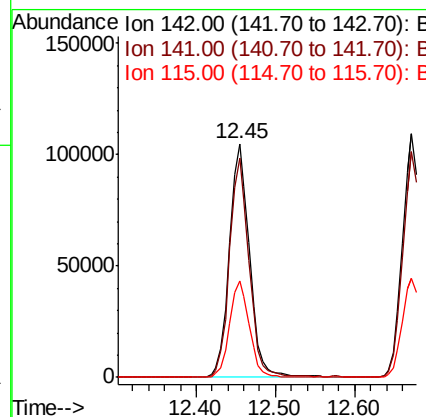
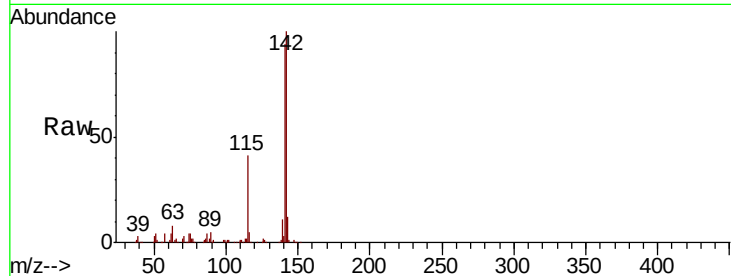
#37
2-Methylnaphthalene
Concen: 46.807 ng
RT: 12.45 min Scan# 1594
Delta R.T. -0.01 min
Lab File: BG043655.D
Acq: 15 Nov 2019 17:57

Instrument :
BNA_G
ClientSampled :
PB124801BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	93.9	72.2	108.2
115	41.4	33.2	49.8

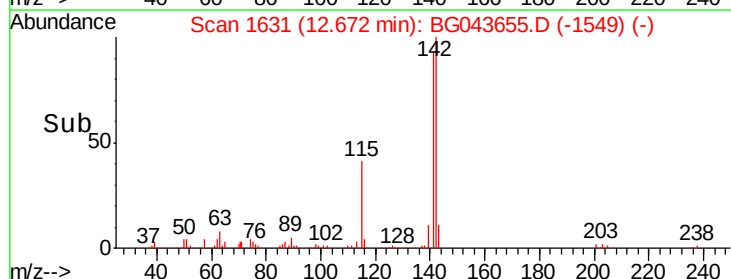
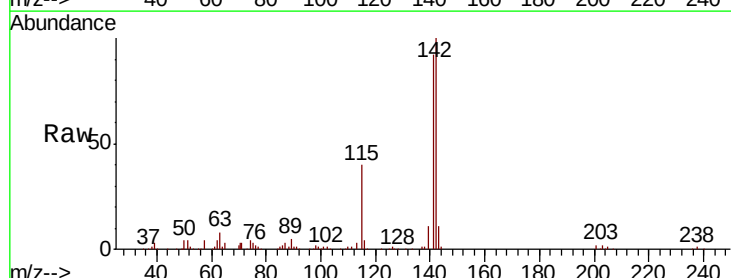
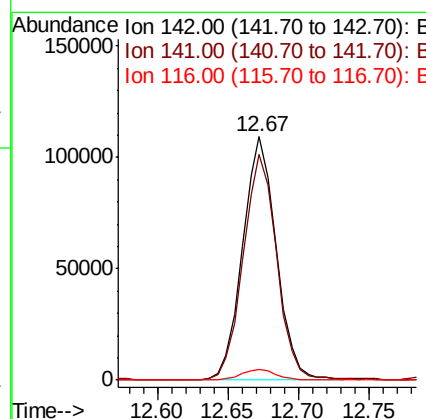
Manual Integrations
APPROVED

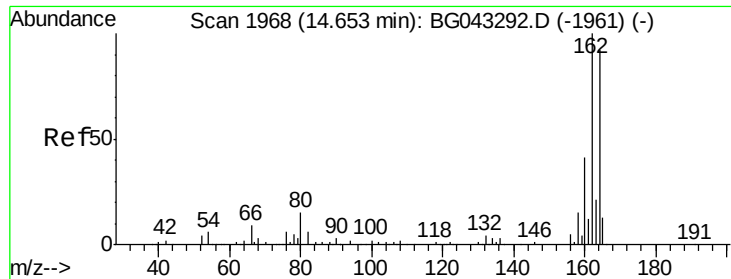
mohammad
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#38
1-Methylnaphthalene
Concen: 48.270 ng
RT: 12.67 min Scan# 1631
Delta R.T. -0.02 min
Lab File: BG043655.D
Acq: 15 Nov 2019 17:57

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.5	73.2	109.8
116	4.2	3.6	5.4





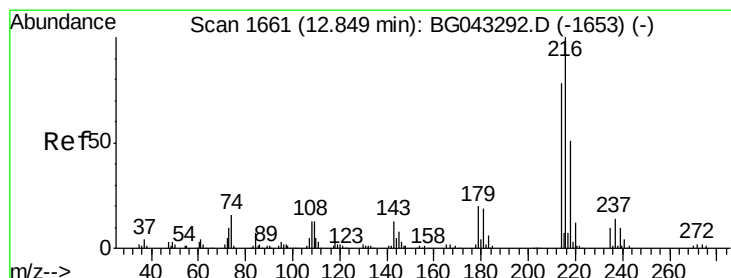
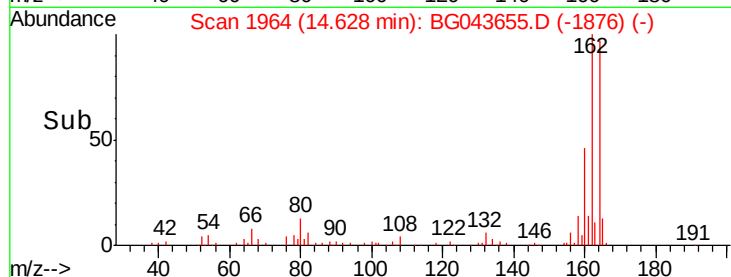
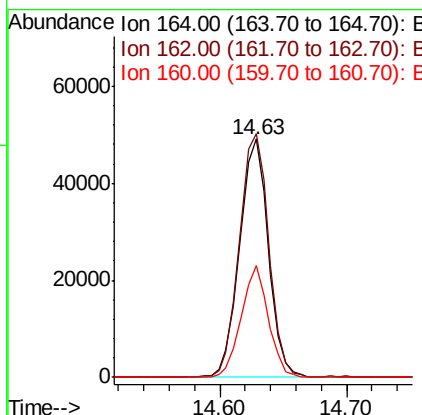
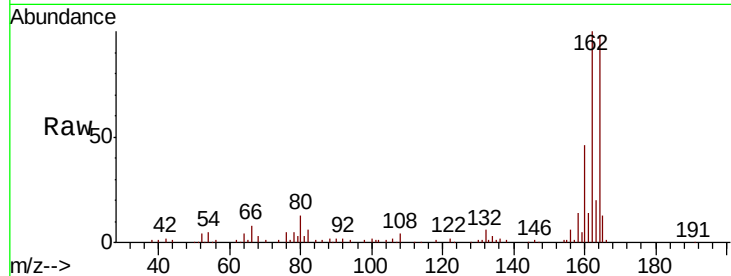
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.63 min Scan# 1964
Delta R.T. -0.01 min
Lab File: BG043655.D
Acq: 15 Nov 2019 17:57

Instrument :
BNA_G
ClientSampleId :
PB124801BS

Tot Ion	Ratio	Lower	Upper
164	100		
162	102.2	83.5	125.3
160	46.9	36.5	54.7

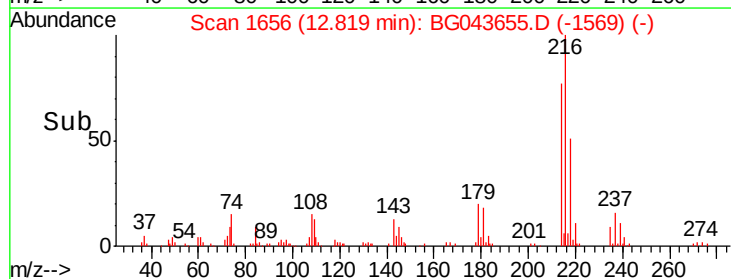
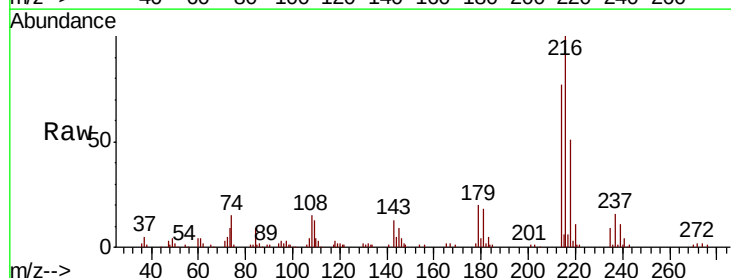
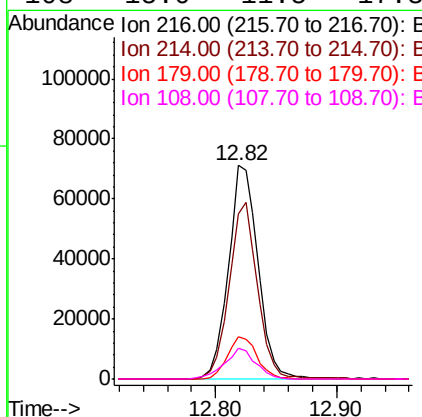
Manual Integrations
APPROVED

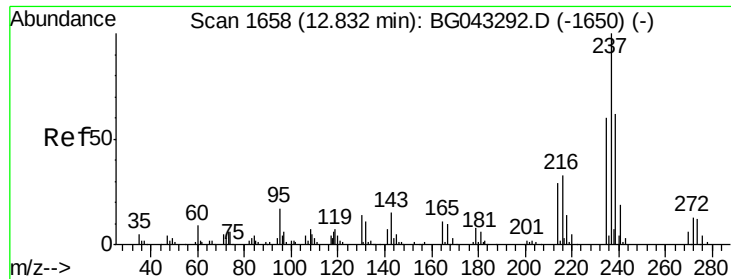
mohammad
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 42.470 ng
RT: 12.82 min Scan# 1656
Delta R.T. -0.02 min
Lab File: BG043655.D
Acq: 15 Nov 2019 17:57

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.5	61.7	92.5
179	19.8	15.8	23.8
108	15.0	11.5	17.3





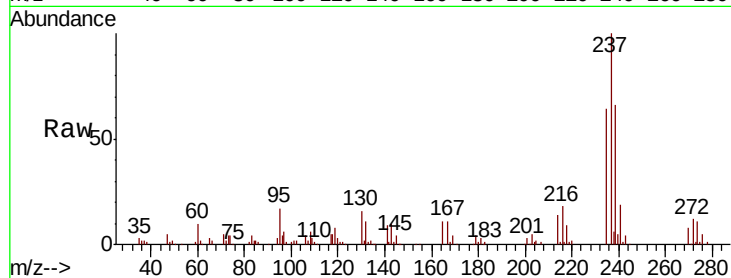
#41
Hexachlorocyclopentadiene
Concen: 52.753 ng
RT: 12.80 min Scan# 1653
Delta R.T. -0.02 min
Lab File: BG043655.D
Acq: 15 Nov 2019 17:57

Instrument :
BNA_G
ClientSampleId :
PB124801BS

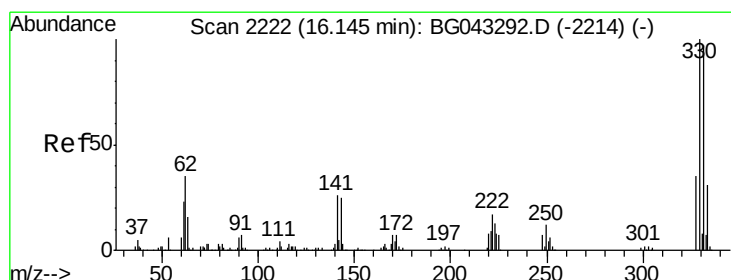
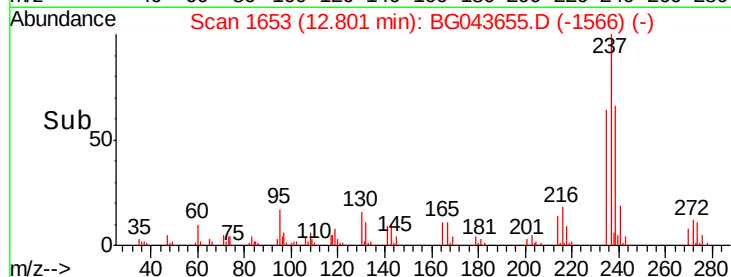
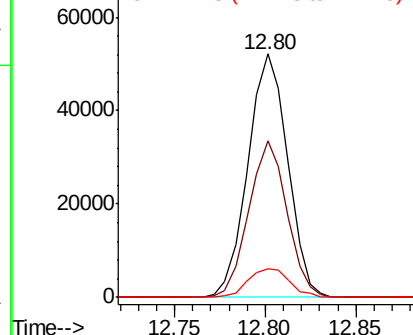
Tot Ion	Ratio	Resp Lower	Upper
237	100		
235	64.3	41.6	81.6
272	11.6	0.0	32.5

Manual Integrations
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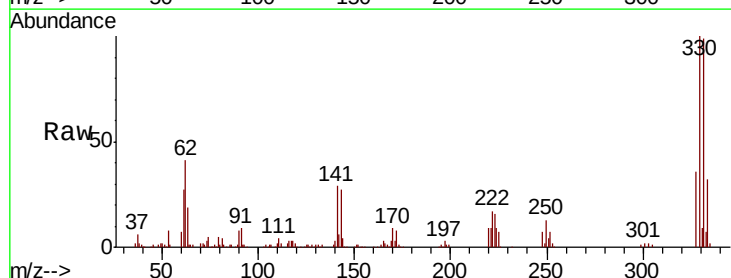


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

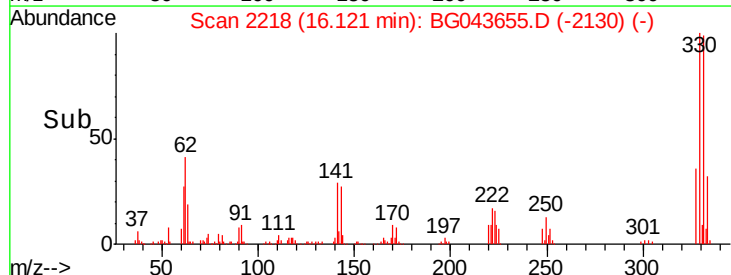
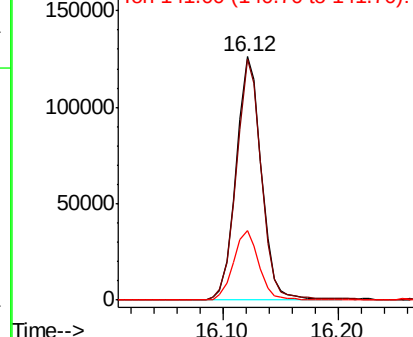


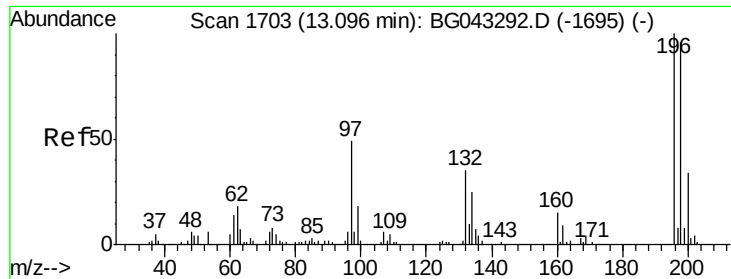
#42
2,4,6-Tribromophenol
Concen: 130.683 ng
RT: 16.12 min Scan# 2218
Delta R.T. -0.01 min
Lab File: BG043655.D
Acq: 15 Nov 2019 17:57

Tgt Ion	Ratio	Resp Lower	Upper
330	100		
332	97.0	77.4	116.0
141	28.9	22.8	34.2



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E





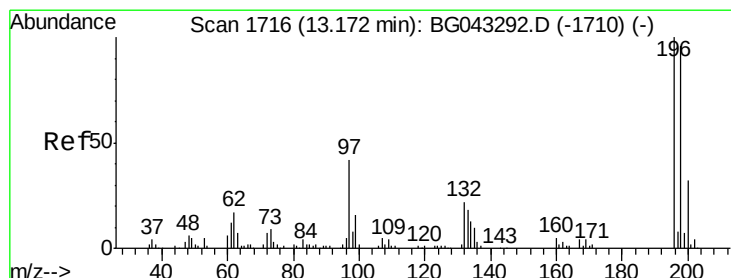
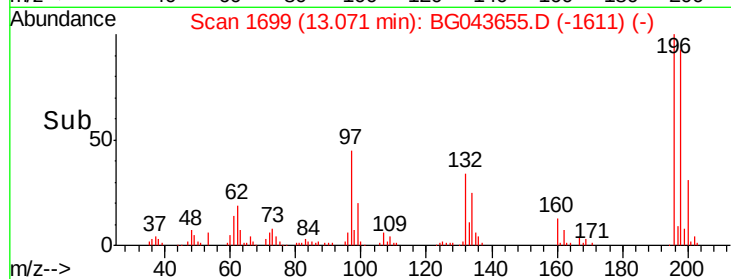
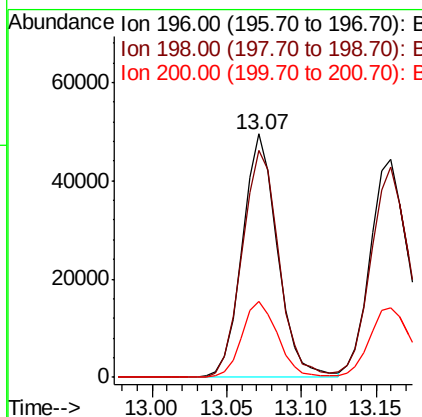
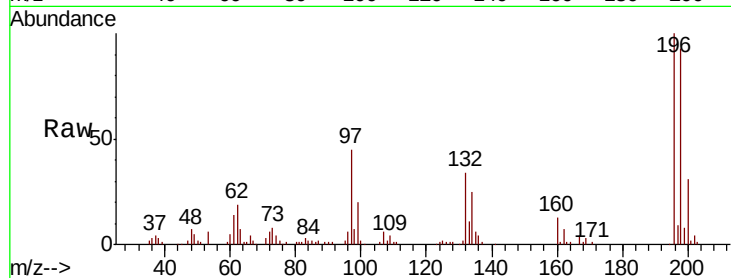
#43
 2,4,6-Trichlorophenol
 Concen: 48.062 ng
 RT: 13.07 min Scan# 1699
 Delta R.T. -0.01 min
 Lab File: BG043655.D
 Acq: 15 Nov 2019 17:57

Instrument :
 BNA_G
 ClientSampleId :
 PB124801BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	80788		
198	93.2	75.8	113.6	
200	31.3	23.9	35.9	

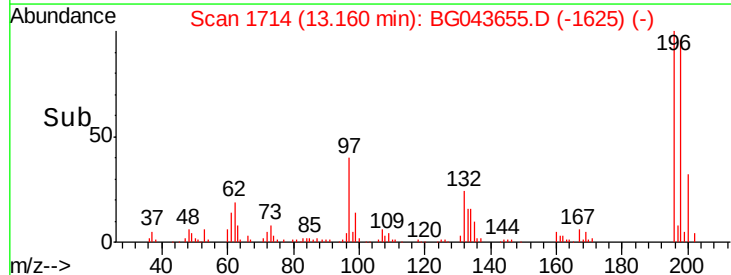
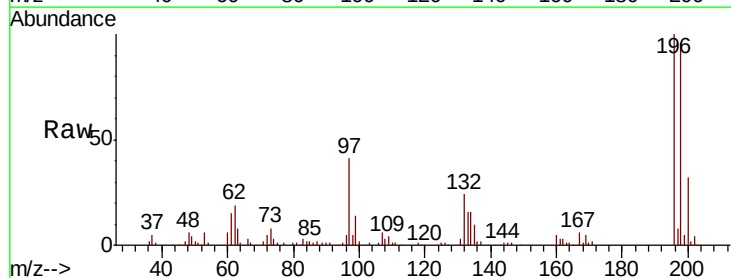
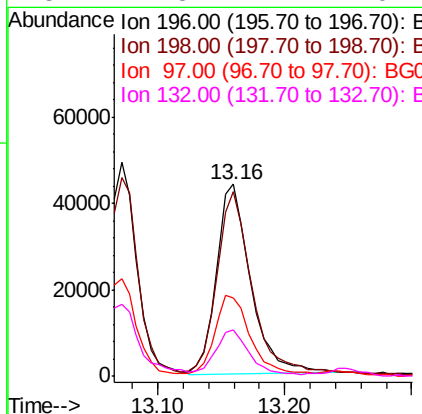
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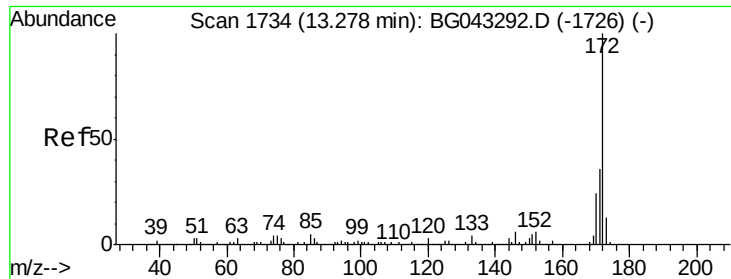
mohammad
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#44
 2,4,5-Trichlorophenol
 Concen: 48.542 ng
 RT: 13.16 min Scan# 1714
 Delta R.T. -0.01 min
 Lab File: BG043655.D
 Acq: 15 Nov 2019 17:57

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	82491		
198	96.4	74.5	111.7	
97	40.8	36.3	54.5	
132	24.3	17.4	26.2	





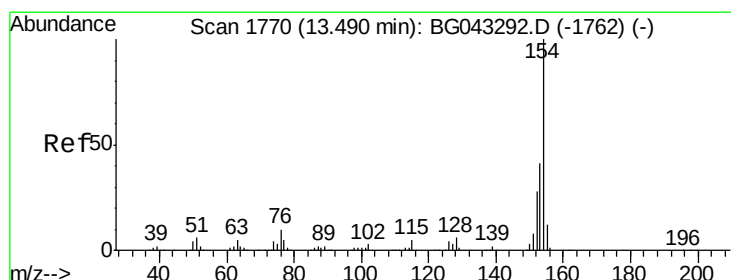
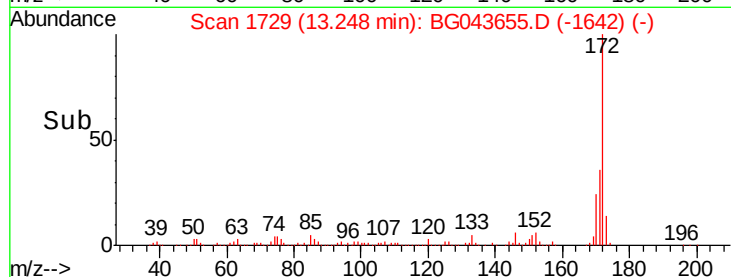
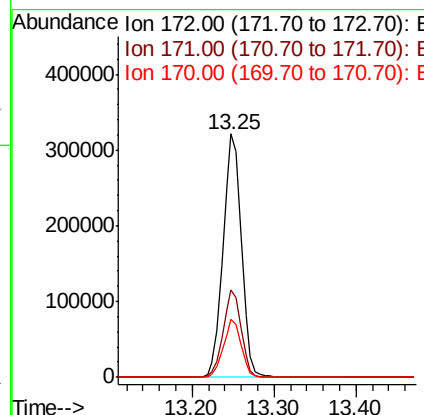
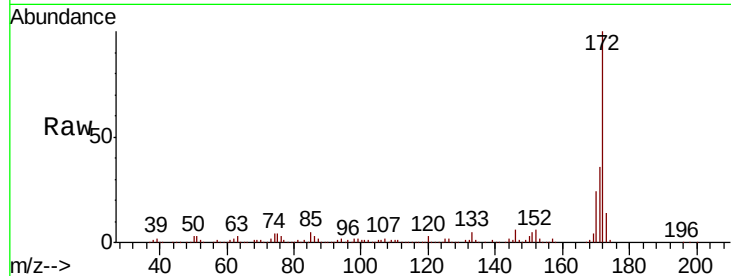
#45
2-Fluorobiphenyl
Concen: 89.927 ng
RT: 13.25 min Scan# 1729
Delta R.T. -0.02 min
Lab File: BG043655.D
Acq: 15 Nov 2019 17:57

Instrument :
BNA_G
ClientSampleId :
PB124801BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.1	28.9	43.3
170	24.1	18.5	27.7

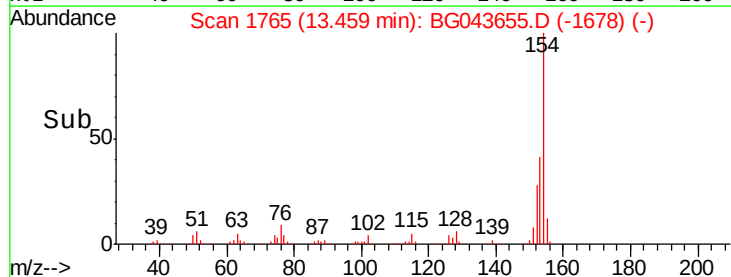
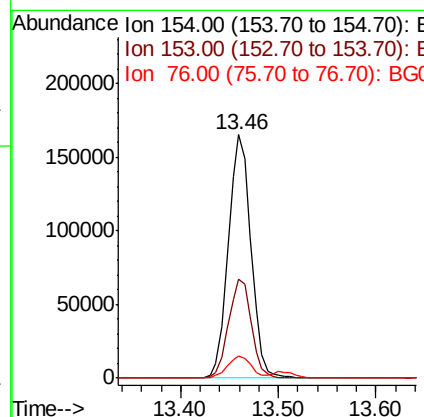
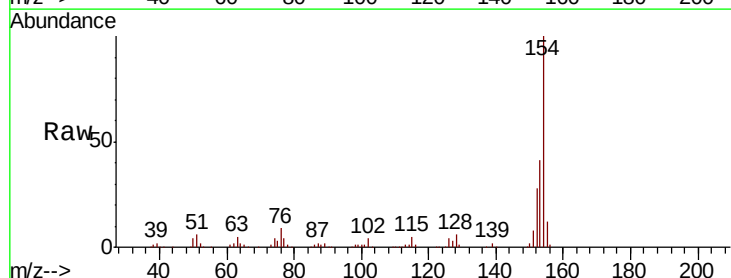
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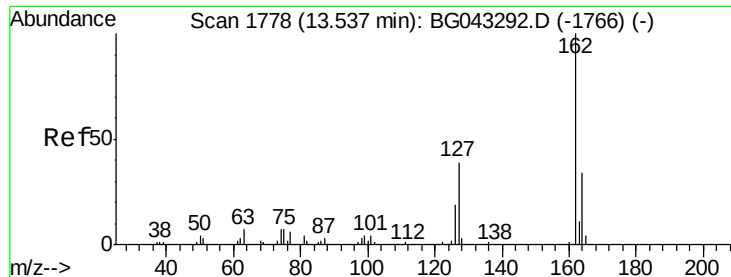
mohammad
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#46
1,1'-Biphenyl
Concen: 45.241 ng
RT: 13.46 min Scan# 1765
Delta R.T. -0.02 min
Lab File: BG043655.D
Acq: 15 Nov 2019 17:57

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.6	19.9	59.9
76	9.0	0.0	29.4





#47

2-Chloronaphthalene

Concen: 44.659 ng

RT: 13.51 min Scan# 1773

Delta R.T. -0.01 min

Lab File: BG043655.D

Acq: 15 Nov 2019 17:57

Instrument :

BNA_G

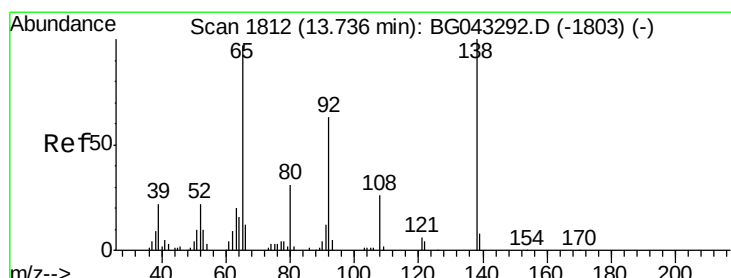
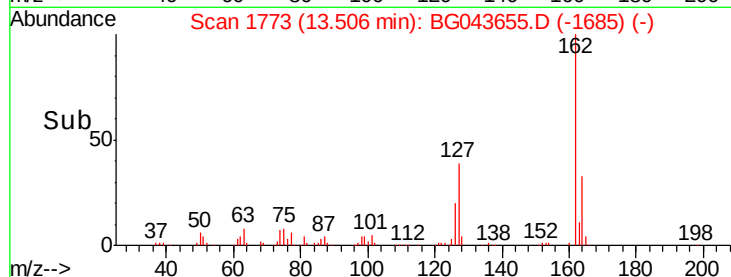
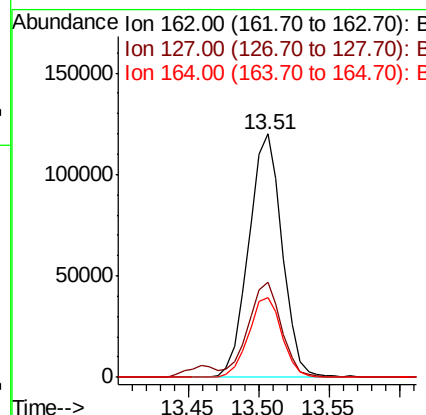
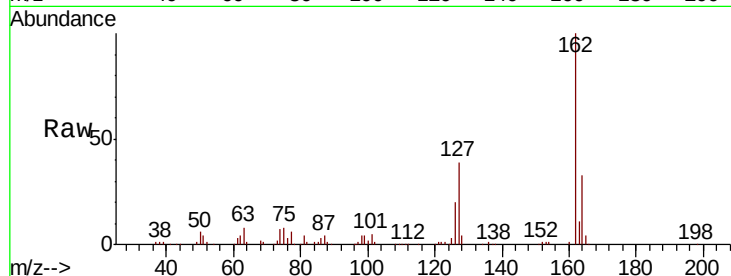
ClientSampleId :

PB124801BS

Tot Ion:	162	Resp:	199369
Ion Ratio	Lower	Upper	
162	100		
127	39.2	31.2	46.8
164	32.6	25.8	38.8

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#48

2-Nitroaniline

Concen: 48.422 ng

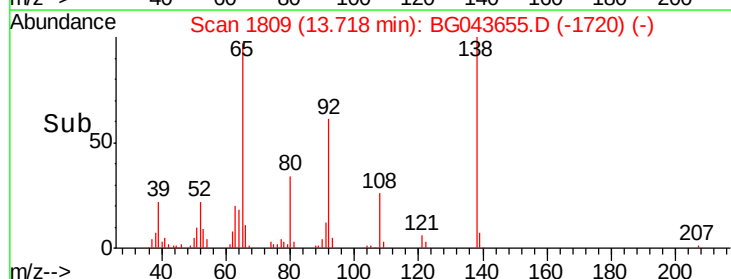
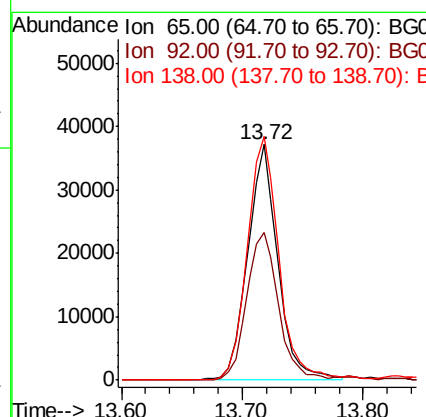
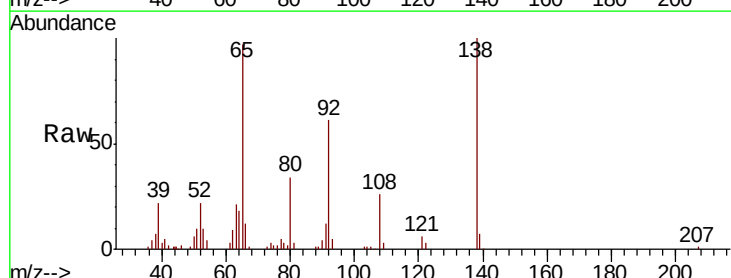
RT: 13.72 min Scan# 1809

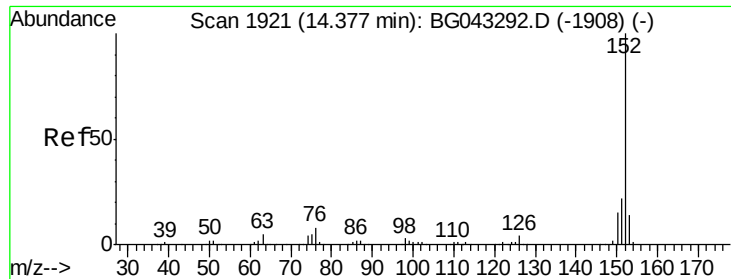
Delta R.T. -0.01 min

Lab File: BG043655.D

Acq: 15 Nov 2019 17:57

Tgt Ion:	65	Resp:	64607
Ion Ratio	Lower	Upper	
65	100		
92	62.6	56.2	84.2
138	103.3	82.6	123.8





#49

Acenaphthylene

Concen: 49.047 ng

RT: 14.35 min Scan# 1917

Delta R.T. -0.01 min

Lab File: BG043655.D

Acq: 15 Nov 2019 17:57

Instrument :

BNA_G

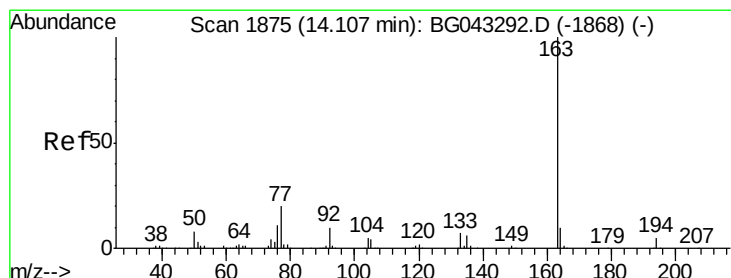
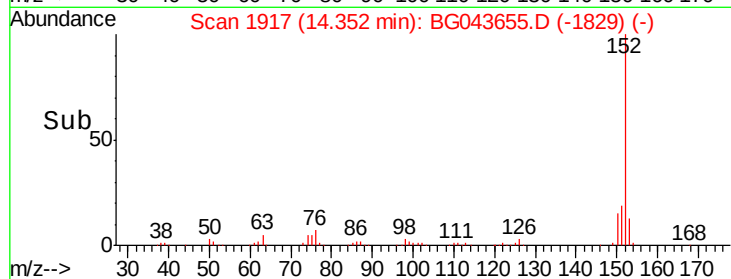
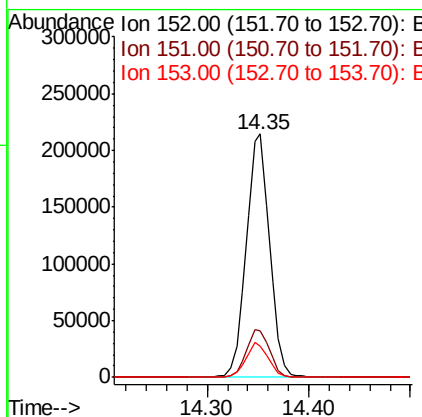
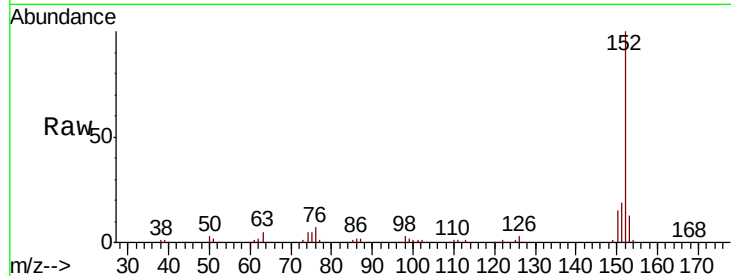
ClientSampleId :

PB124801BS

Tot Ion:	152	Resp:	340777
Ion Ratio	Lower	Upper	
152	100		
151	19.0	16.2	24.4
153	13.0	10.6	15.8

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#50

Dimethylphthalate

Concen: 48.782 ng

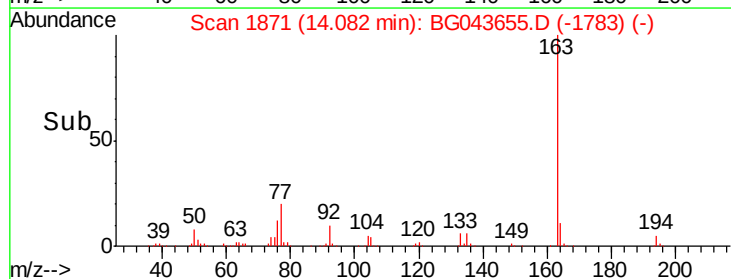
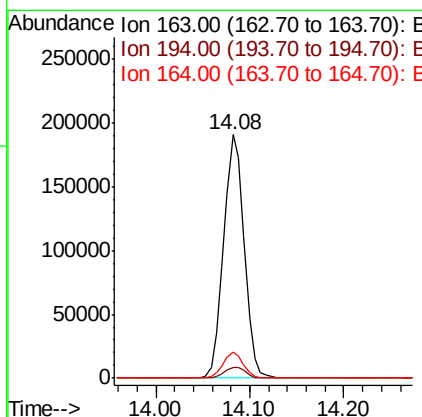
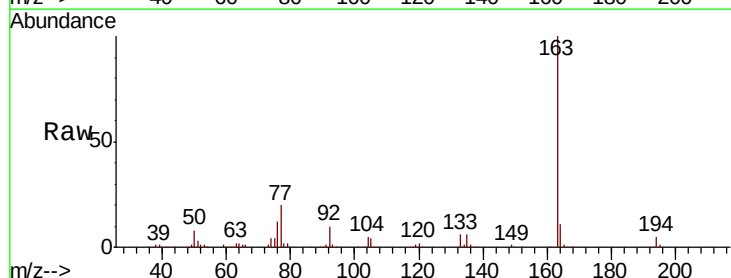
RT: 14.08 min Scan# 1871

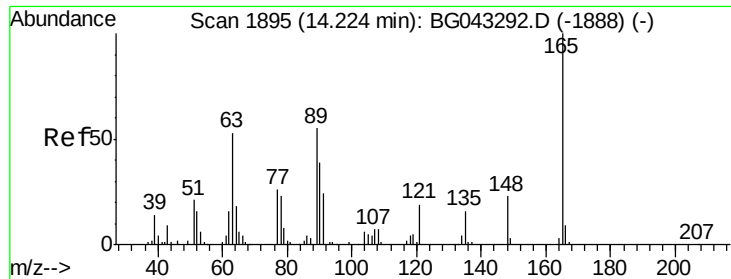
Delta R.T. -0.01 min

Lab File: BG043655.D

Acq: 15 Nov 2019 17:57

Tgt Ion:	163	Resp:	291415
Ion Ratio	Lower	Upper	
163	100		
194	4.5	3.8	5.6
164	10.8	8.9	13.3





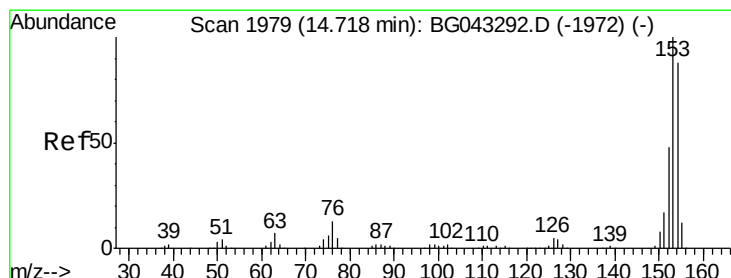
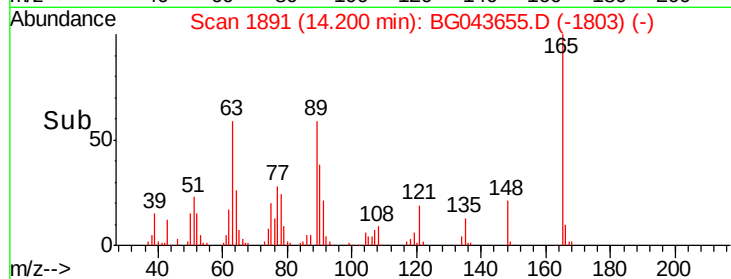
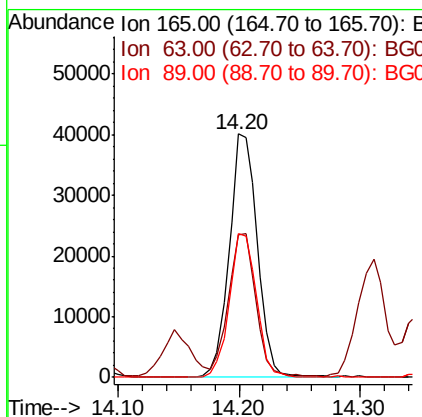
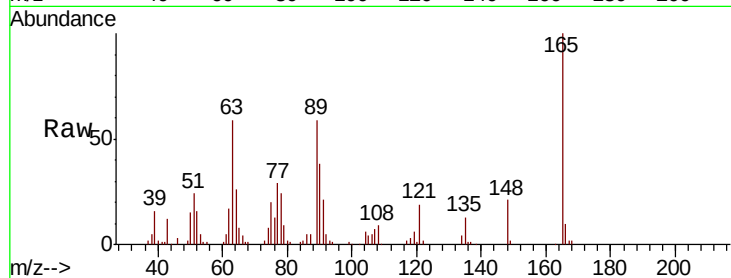
#51
2,6-Dinitrotoluene
Concen: 49.923 ng
RT: 14.20 min Scan# 1891
Delta R.T. -0.01 min
Lab File: BG043655.D
Acq: 15 Nov 2019 17:57

Instrument :
BNA_G
ClientSampleId :
PB124801BS

Tot Ion	Ratio	Lower	Upper
165	100		
63	58.6	46.6	69.8
89	58.8	45.1	67.7

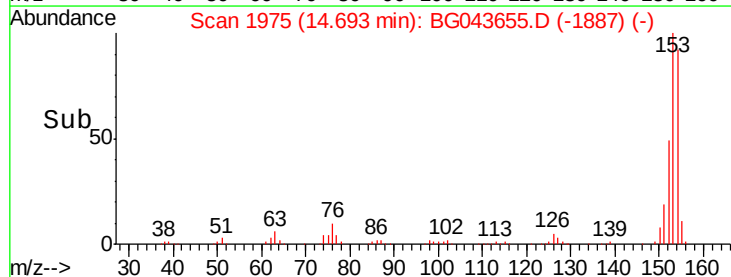
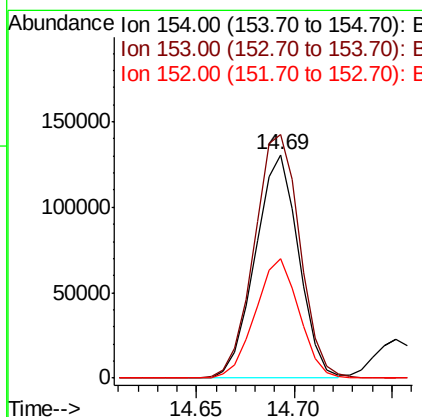
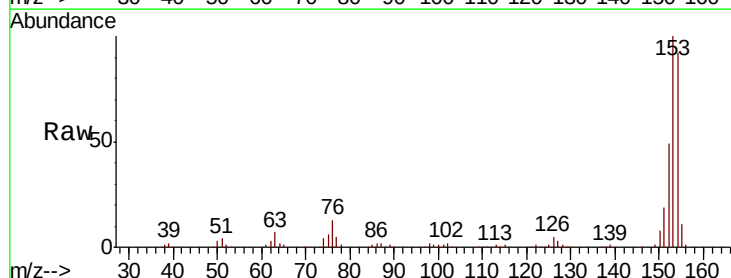
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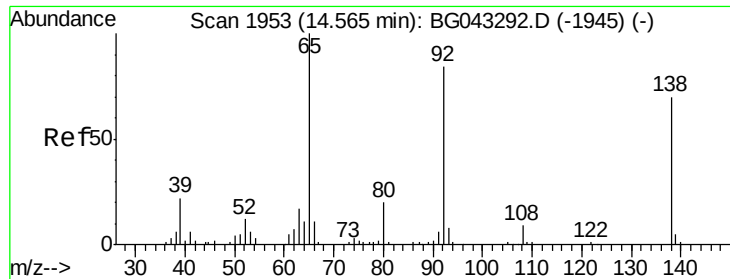
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#52
Acenaphthene
Concen: 47.383 ng
RT: 14.69 min Scan# 1975
Delta R.T. -0.01 min
Lab File: BG043655.D
Acq: 15 Nov 2019 17:57

Tgt Ion	Ratio	Lower	Upper
154	100		
153	109.0	88.2	132.2
152	53.7	40.0	60.0





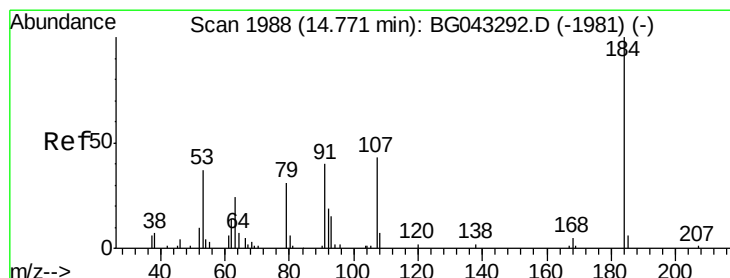
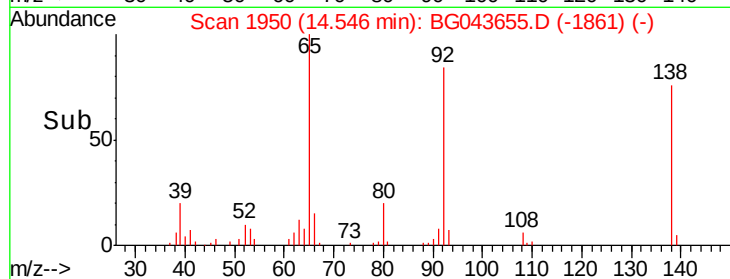
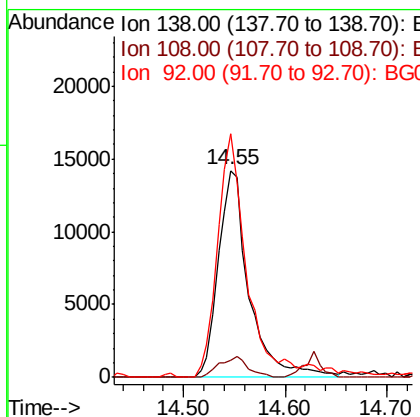
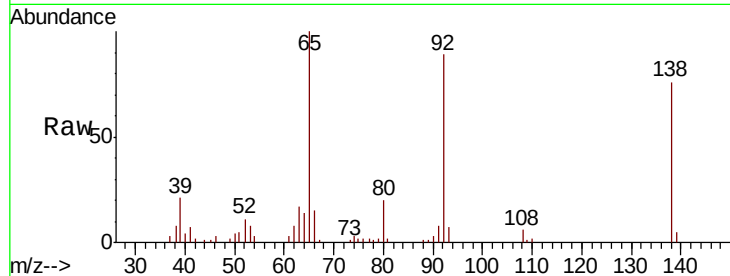
#53
 3-Nitroaniline
 Concen: 23.793 ng
 RT: 14.55 min Scan# 1950
 Delta R.T. -0.01 min
 Lab File: BG043655.D
 Acq: 15 Nov 2019 17:57

Instrument :
 BNA_G
 ClientSampleId :
 PB124801BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	8.4	8.0	12.0
92	117.6	90.9	136.3

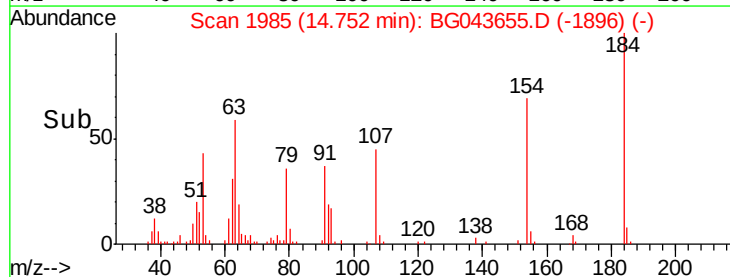
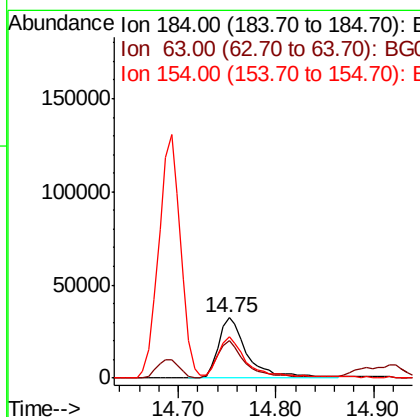
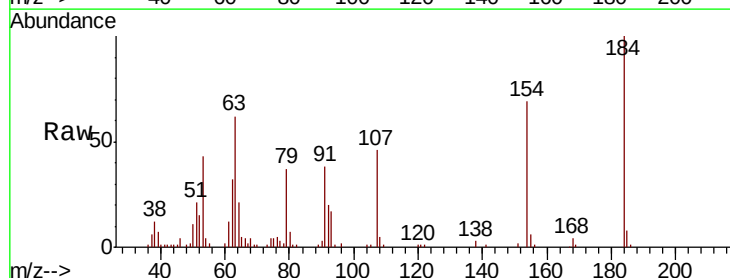
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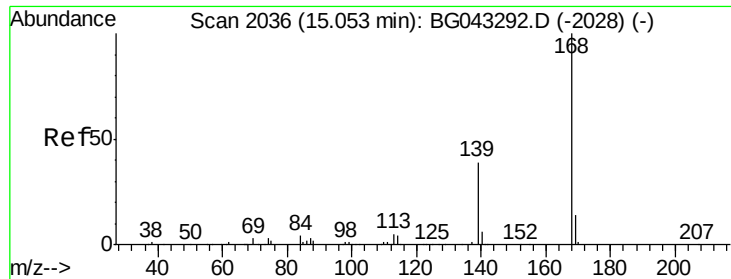
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#54
 2,4-Dinitrophenol
 Concen: 82.631 ng
 RT: 14.75 min Scan# 1985
 Delta R.T. -0.01 min
 Lab File: BG043655.D
 Acq: 15 Nov 2019 17:57

Tgt Ion	Ratio	Lower	Upper
184	100		
63	62.2	51.3	76.9
154	69.3	55.4	83.0





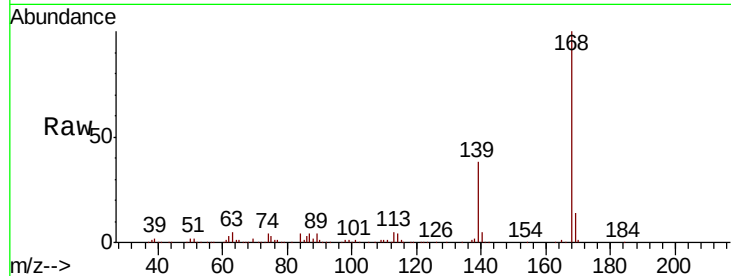
#55
Dibenzenofuran
Concen: 49.579 ng
RT: 15.03 min Scan# 2032
Delta R.T. -0.01 min
Lab File: BG043655.D
Acq: 15 Nov 2019 17:57

Instrument :
BNA_G
ClientSampleId :
PB124801BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	37.8	31.0	46.6
169	14.2	11.7	17.5

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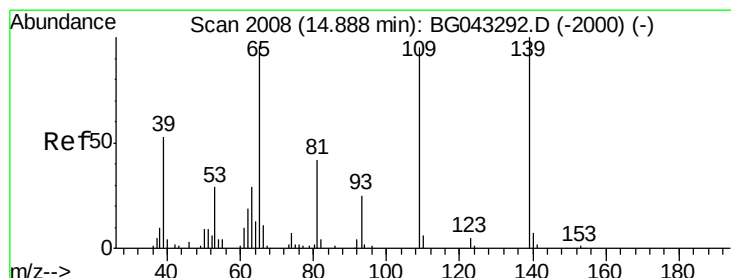
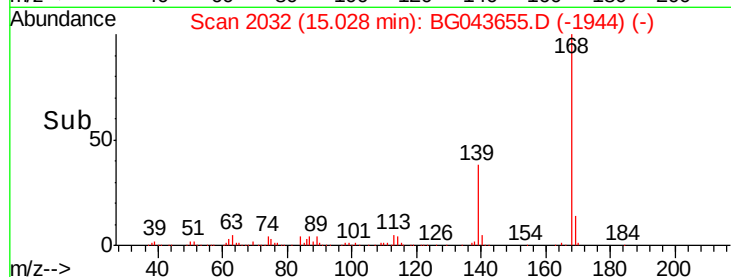
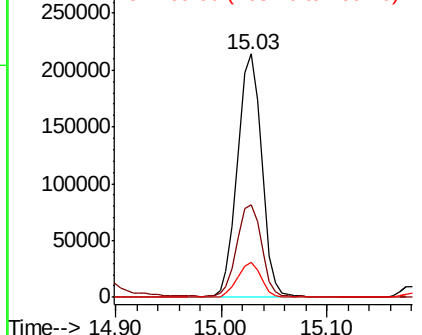


Abundance

Ion 168.00 (167.70 to 168.70): E

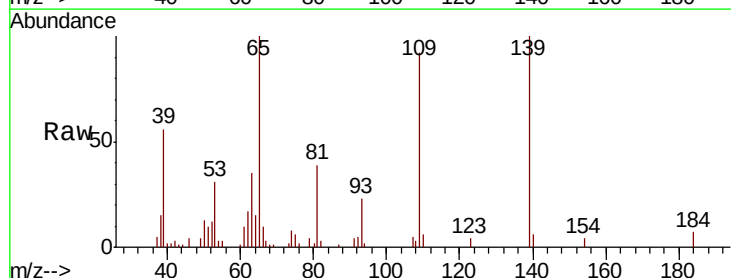
Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56
4-Nitrophenol
Concen: 41.771 ng
RT: 14.89 min Scan# 2008
Delta R.T. 0.01 min
Lab File: BG043655.D
Acq: 15 Nov 2019 17:57

Tgt Ion	Ratio	Lower	Upper
139	100		
109	91.8	87.2	127.2
65	99.9	83.8	123.8

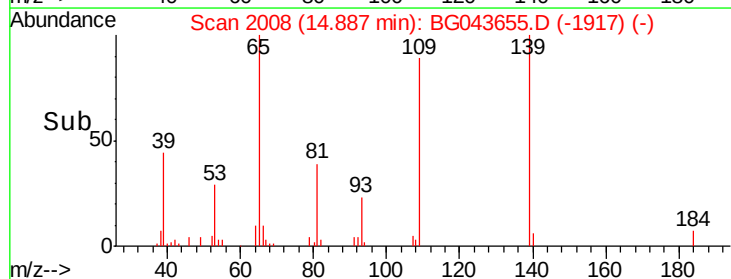
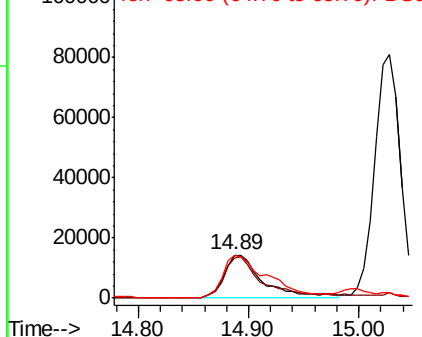


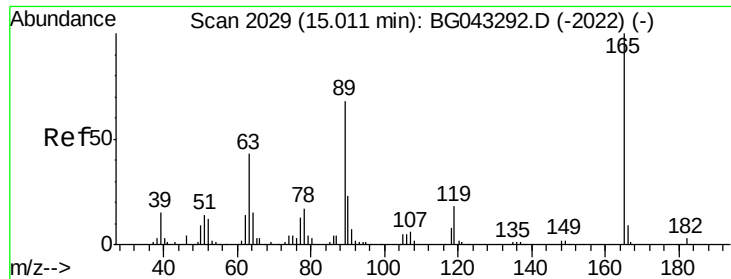
Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC





#57

2,4-Dinitrotoluene

Concen: 50.774 ng

RT: 14.99 min Scan# 2026

Delta R.T. -0.01 min

Lab File: BG043655.D

Acq: 15 Nov 2019 17:57

Instrument :

BNA_G

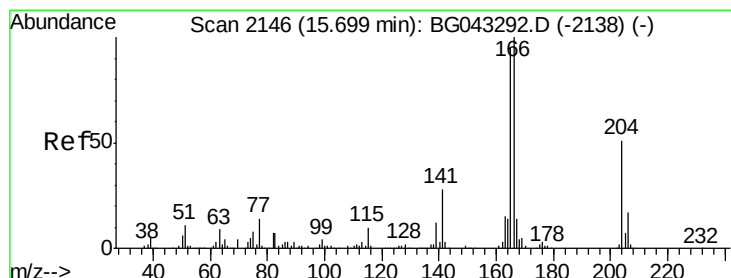
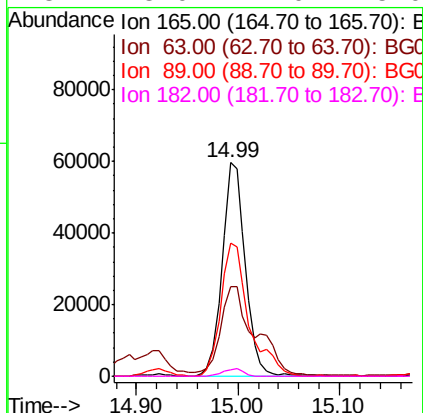
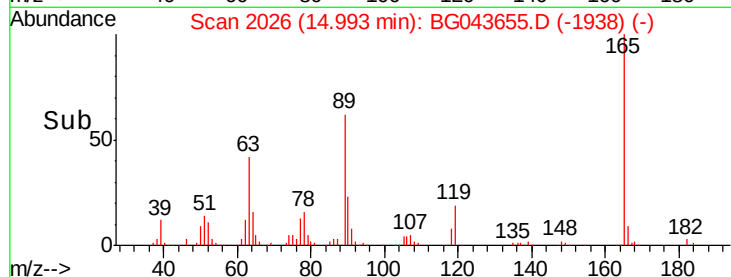
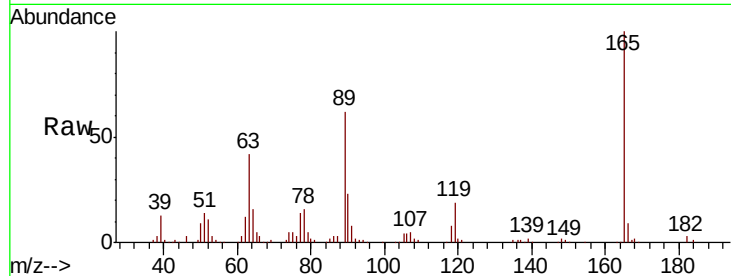
ClientSampleId :

PB124801BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		94172		
63	42.1	33.2	49.8		
89	62.4	52.2	78.4		
182	3.0	2.0	3.0#		

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#58

Fluorene

Concen: 49.684 ng

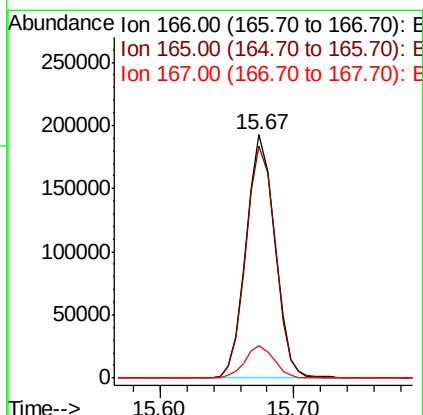
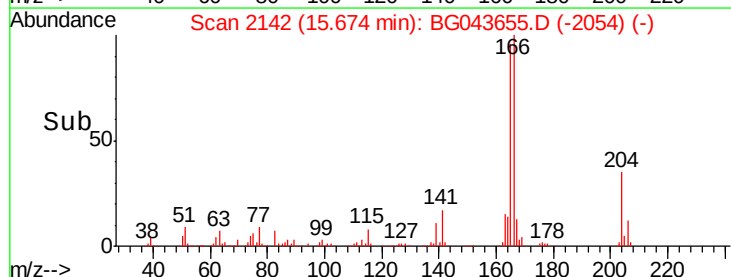
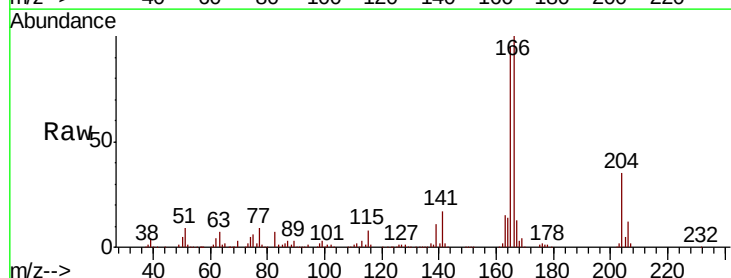
RT: 15.67 min Scan# 2142

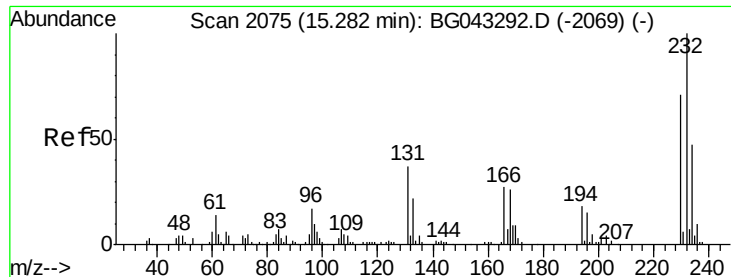
Delta R.T. -0.01 min

Lab File: BG043655.D

Acq: 15 Nov 2019 17:57

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		286325		
165	95.3	79.0	118.6		
167	13.4	10.5	15.7		





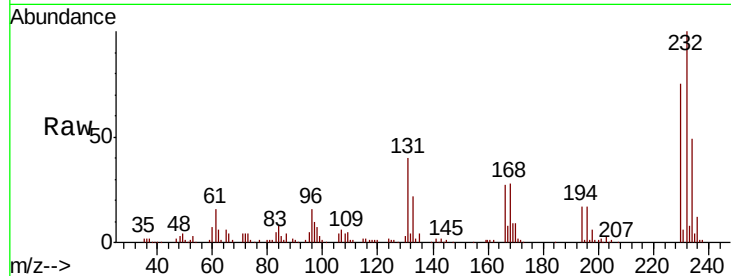
#59
2,3,4,6-Tetrachlorophenol
Concen: 48.307 ng
RT: 15.26 min Scan# 2072
Delta R.T. -0.01 min
Lab File: BG043655.D
Acq: 15 Nov 2019 17:57

Instrument :
BNA_G
ClientSampleId :
PB124801BS

Tot Ion:	232	Resp:	87219
Ion Ratio	Lower	Upper	
232	100		
131	36.8	26.9	40.3
130	2.0	1.8	2.6
166	26.0	20.9	31.3

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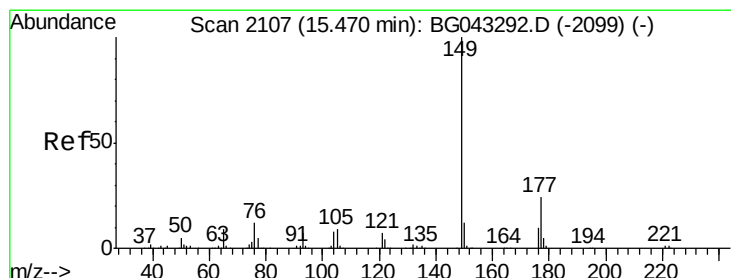
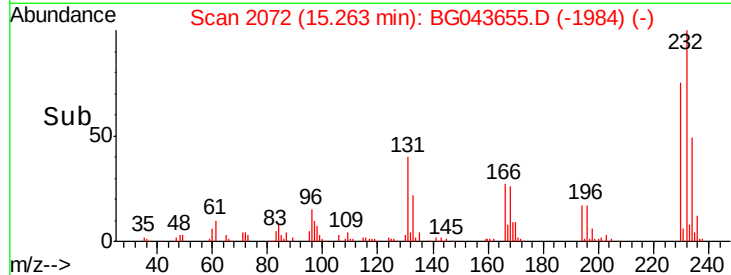
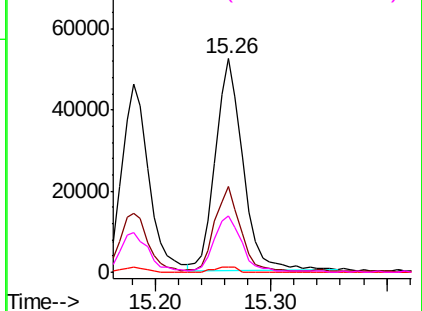
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

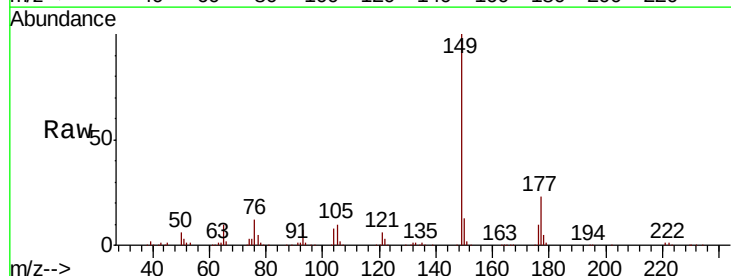
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
Diethylphthalate
Concen: 48.649 ng
RT: 15.44 min Scan# 2102
Delta R.T. -0.01 min
Lab File: BG043655.D
Acq: 15 Nov 2019 17:57

Tgt Ion:	149	Resp:	292012
Ion Ratio	Lower	Upper	
149	100		
177	23.3	19.6	29.4
150	13.5	10.8	16.2

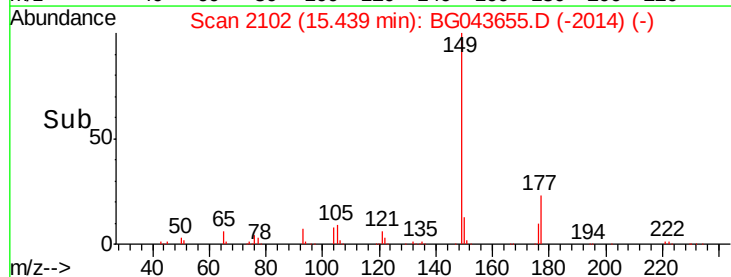
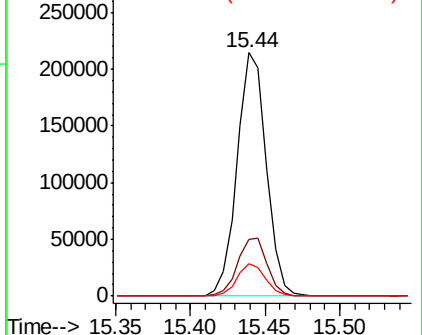


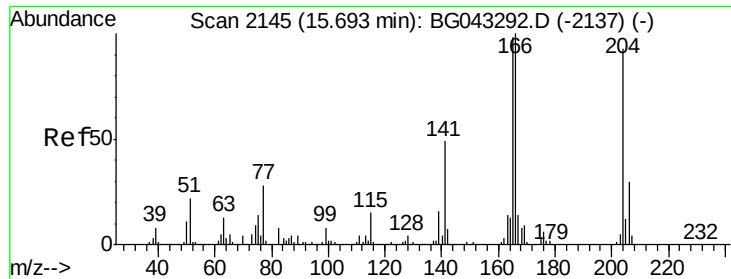
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





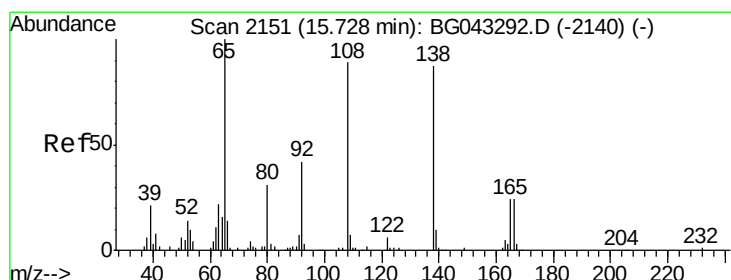
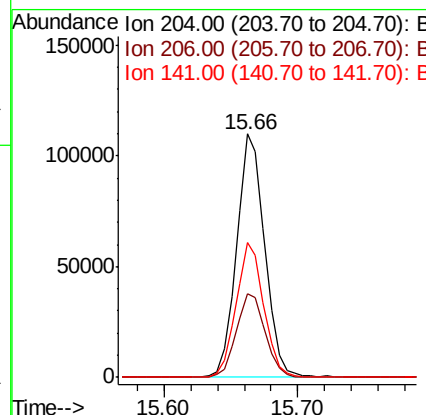
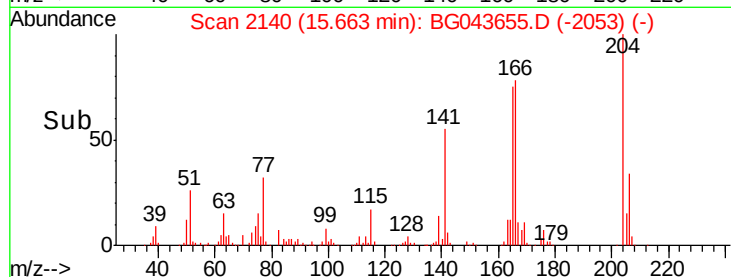
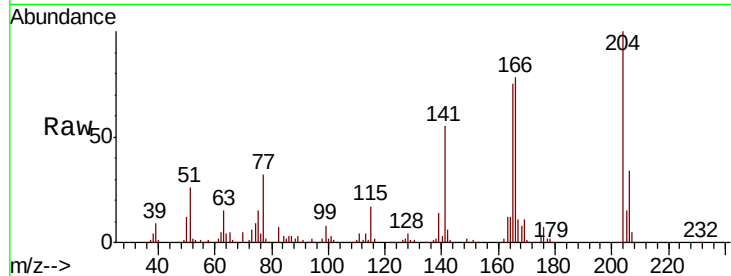
#61
4-Chlorophenyl-phenylether
Concen: 47.733 ng
RT: 15.66 min Scan# 2140
Delta R.T. -0.02 min
Lab File: BG043655.D
Acq: 15 Nov 2019 17:57

Instrument :
BNA_G
ClientSampleId :
PB124801BS

Tot Ion	Ratio	Lower	Upper
204	100		
206	34.2	28.4	42.6
141	55.3	43.0	64.6

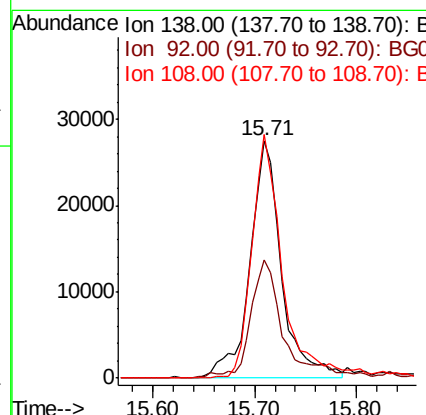
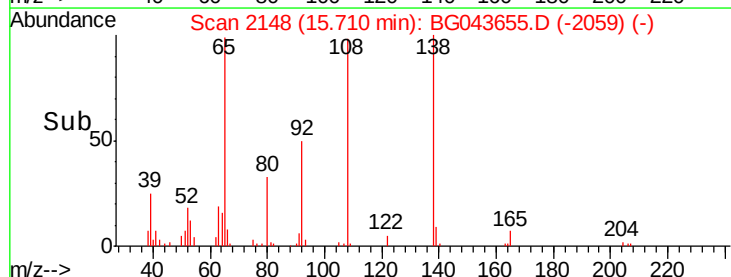
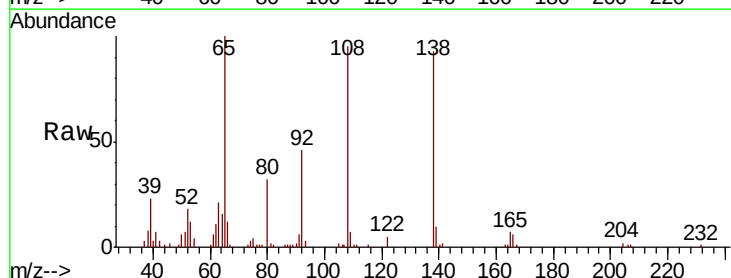
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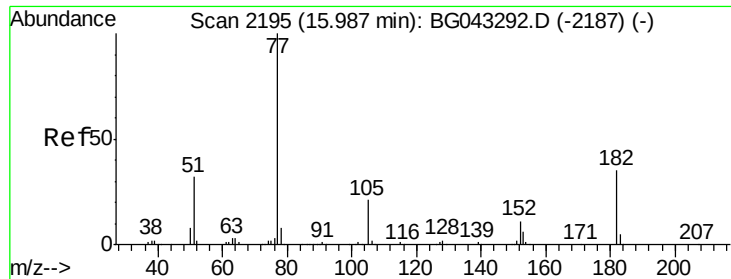
mohammad
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#62
4-Nitroaniline
Concen: 45.841 ng
RT: 15.71 min Scan# 2148
Delta R.T. -0.01 min
Lab File: BG043655.D
Acq: 15 Nov 2019 17:57

Tgt Ion	Ratio	Lower	Upper
138	100		
92	49.6	33.4	73.4
108	102.4	78.0	118.0





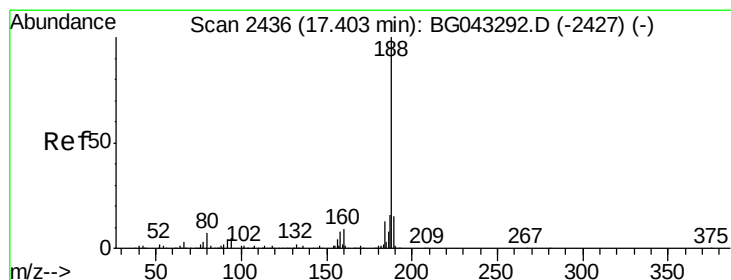
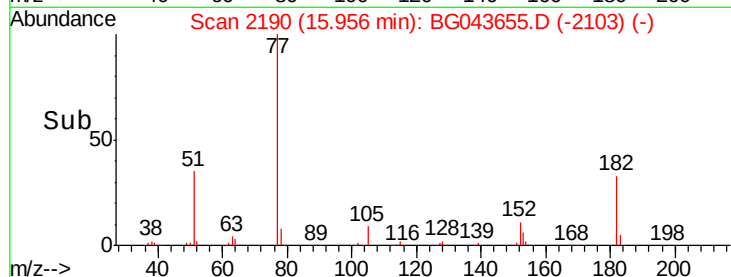
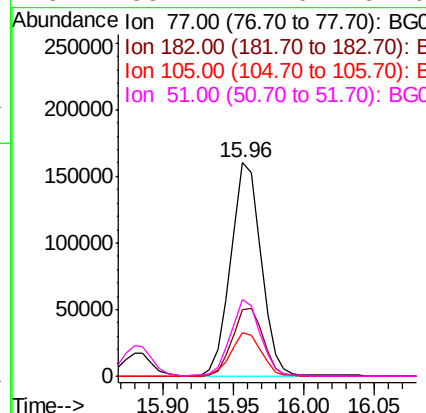
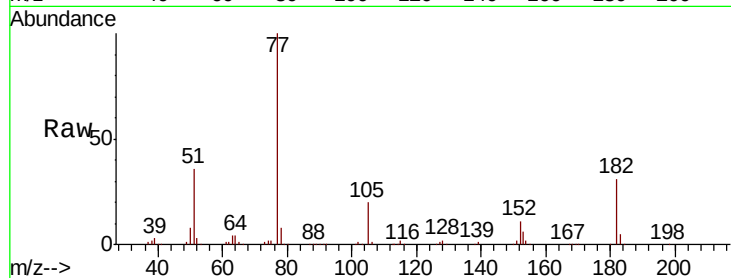
#63
Azobenzene
Concen: 49.370 ng
RT: 15.96 min Scan# 2190
Delta R.T. -0.02 min
Lab File: BG043655.D
Acq: 15 Nov 2019 17:57

Instrument :
BNA_G
ClientSampleId :
PB124801BS

Tot Ion	Ratio	Lower	Upper
77	100		
182	31.4	13.7	53.7
105	20.5	0.4	40.4
51	35.7	11.0	51.0

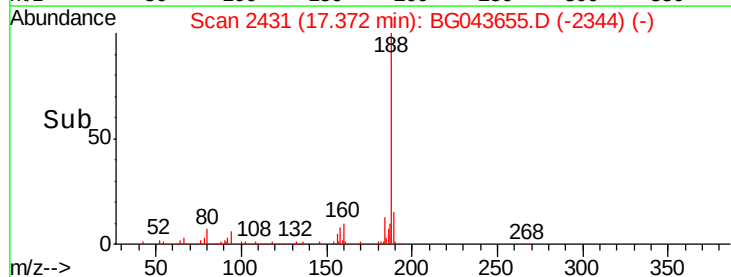
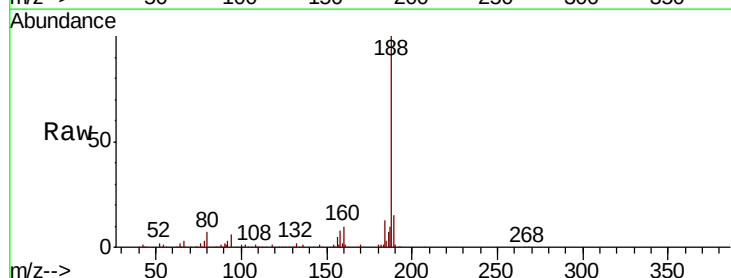
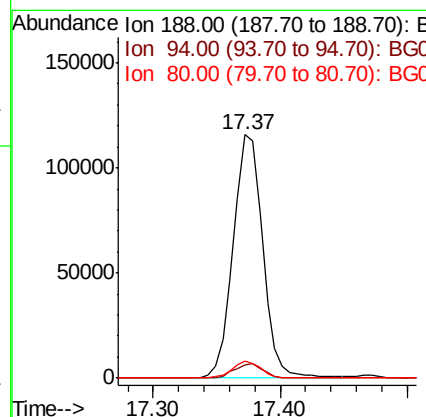
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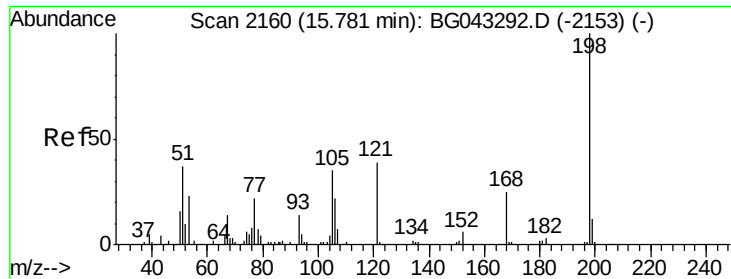
mohammad
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.37 min Scan# 2431
Delta R.T. -0.02 min
Lab File: BG043655.D
Acq: 15 Nov 2019 17:57

Tgt Ion	Ratio	Lower	Upper
188	100		
94	5.7	4.2	6.4
80	7.0	4.5	6.7#





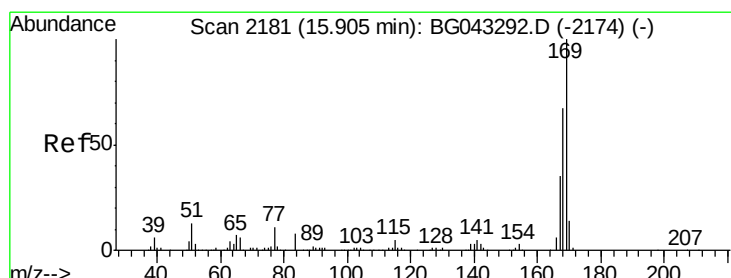
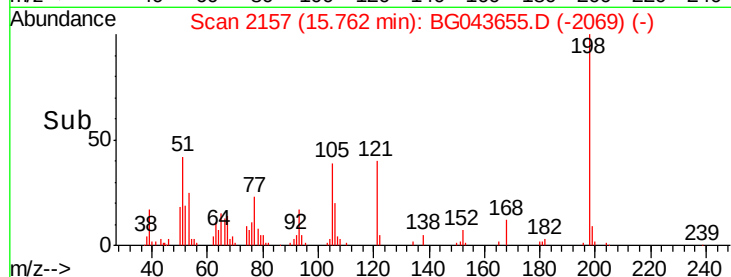
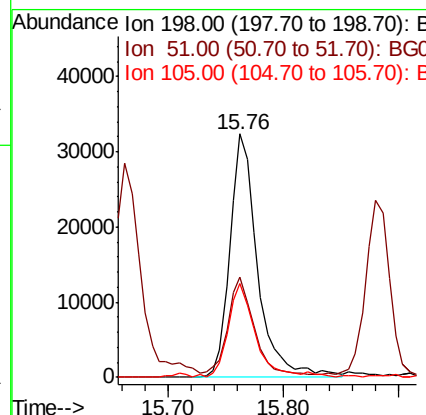
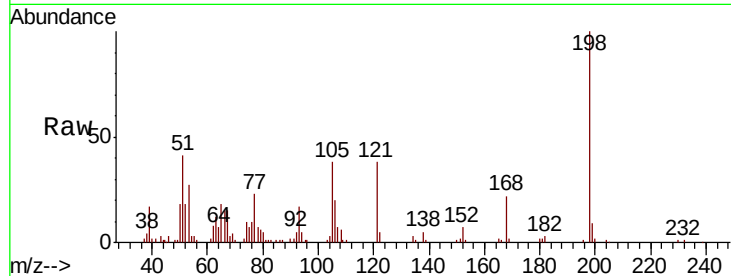
#65
4,6-Dinitro-2-methylphenol
Concen: 49.039 ng
RT: 15.76 min Scan# 2157
Delta R.T. -0.01 min
Lab File: BG043655.D
Acq: 15 Nov 2019 17:57

Instrument :
BNA_G
ClientSampleId :
PB124801BS

Tot Ion	Ratio	Lower	Upper
198	100		
51	41.4	13.2	53.2
105	38.4	15.8	55.8

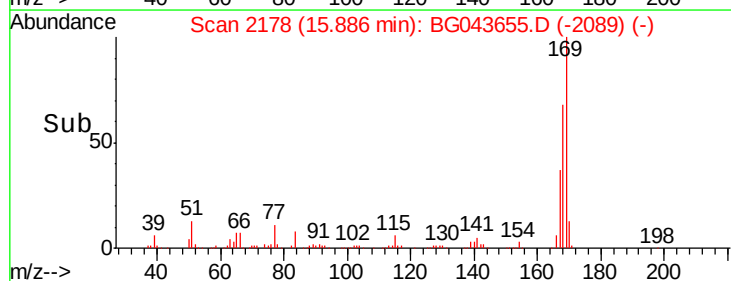
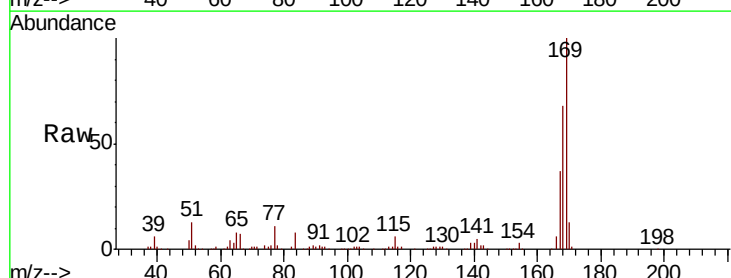
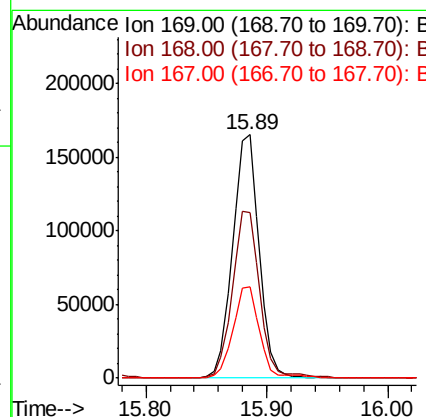
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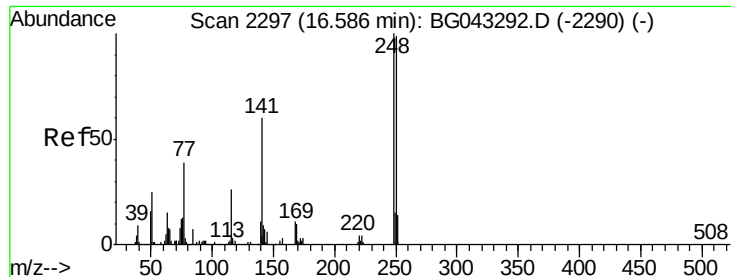
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#66
n-Nitrosodiphenylamine
Concen: 47.834 ng
RT: 15.89 min Scan# 2178
Delta R.T. -0.01 min
Lab File: BG043655.D
Acq: 15 Nov 2019 17:57

Tgt Ion	Ratio	Lower	Upper
169	100		
168	68.1	53.8	80.6
167	37.5	27.5	41.3





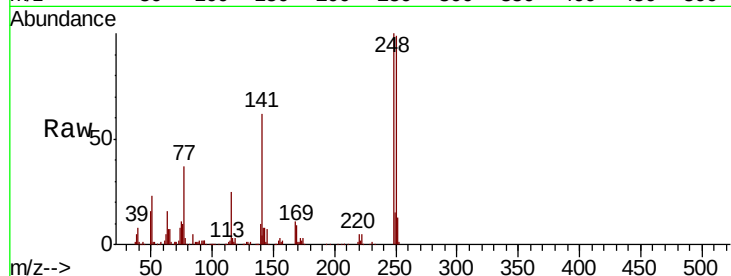
#67
4-Bromophenyl-phenylether
Concen: 47.310 ng
RT: 16.56 min Scan# 2293
Delta R.T. -0.01 min
Lab File: BG043655.D
Acq: 15 Nov 2019 17:57

Instrument :
BNA_G
ClientSampleId :
PB124801BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	99.3	77.0	115.4
141	61.5	47.5	71.3

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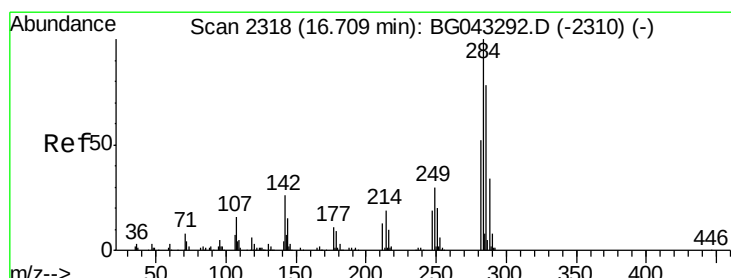
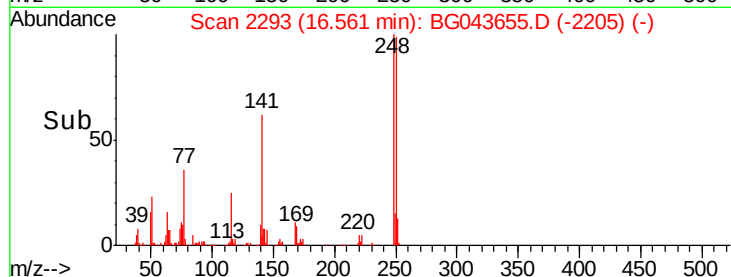
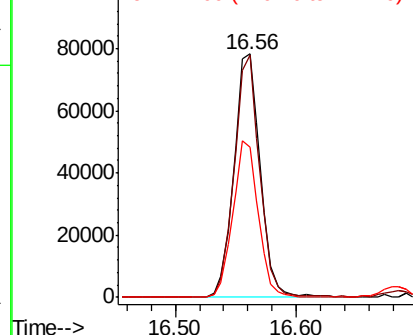


Abundance

Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 44.372 ng
RT: 16.68 min Scan# 2314
Delta R.T. -0.01 min
Lab File: BG043655.D
Acq: 15 Nov 2019 17:57

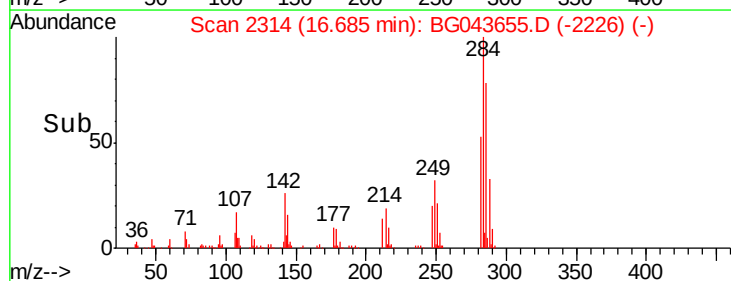
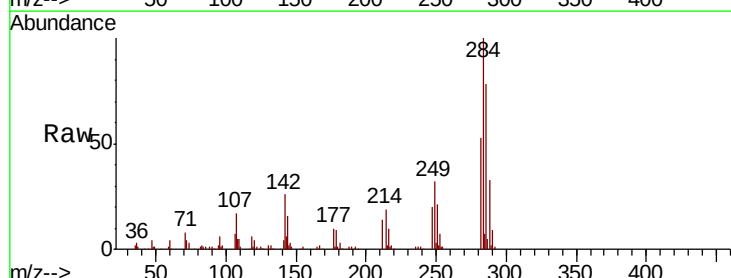
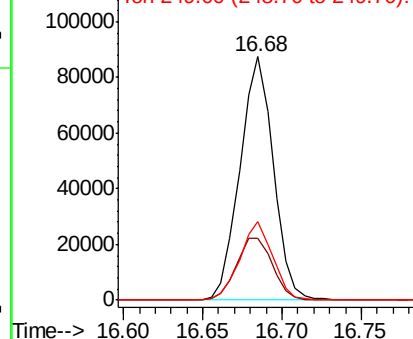
Tgt Ion	Ratio	Lower	Upper
284	100		
142	25.7	19.8	29.8
249	32.3	23.8	35.6

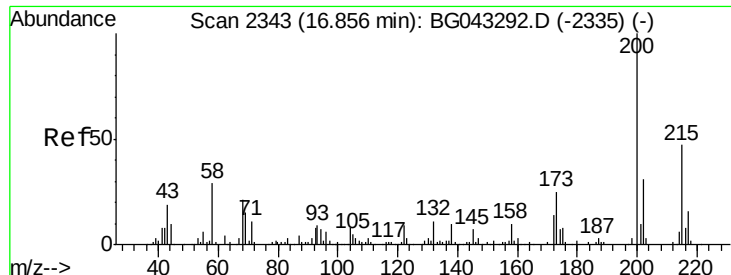
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





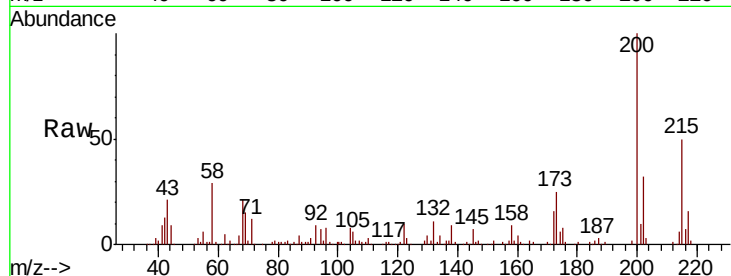
#69
Atrazine
Concen: 62.870 ng
RT: 16.83 min Scan# 2339
Delta R.T. -0.01 min
Lab File: BG043655.D
Acq: 15 Nov 2019 17:57

Instrument :
BNA_G
ClientSampleId :
PB124801BS

Tot Ion	Ratio	Resp	Lower	Upper
200	100	114869		
173	24.6	4.7	44.7	
215	50.3	28.5	68.5	

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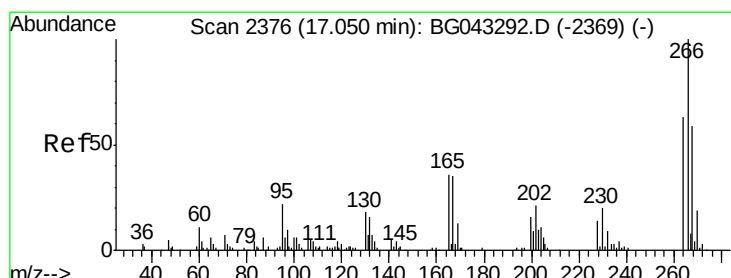
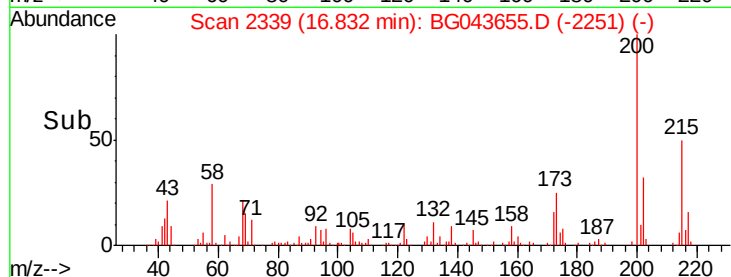
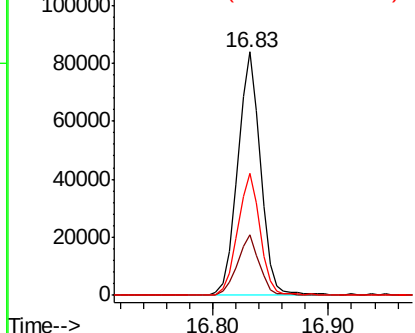


Abundance

Ion 200.00 (199.70 to 200.70): E

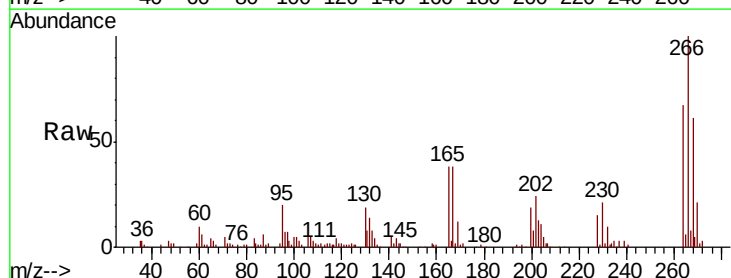
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
Pentachlorophenol
Concen: 74.158 ng
RT: 17.04 min Scan# 2374
Delta R.T. -0.01 min
Lab File: BG043655.D
Acq: 15 Nov 2019 17:57

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	97220		
268	61.5	50.4	75.6	
264	67.2	48.9	73.3	

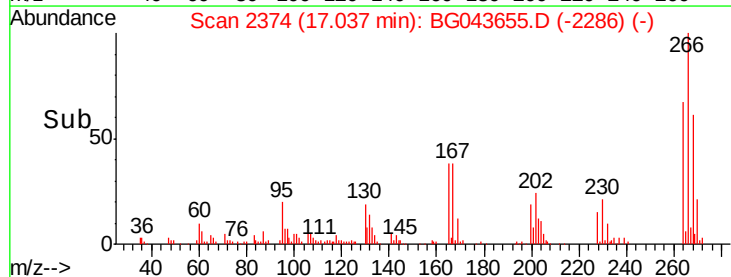
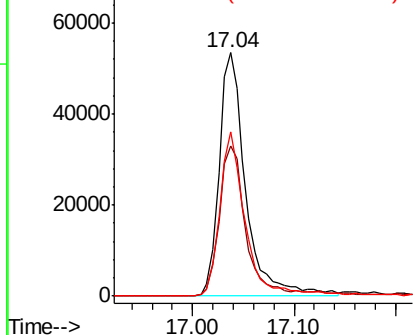


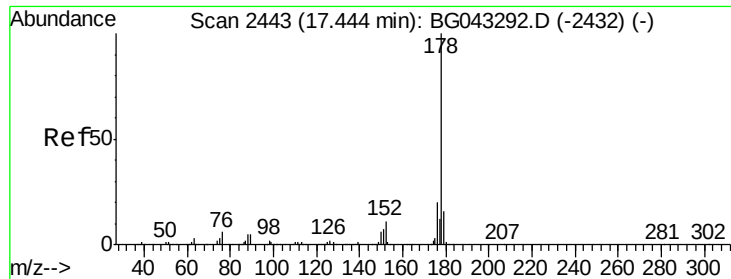
Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 48.687 ng

RT: 17.41 min Scan# 2438

Delta R.T. -0.02 min

Lab File: BG043655.D

Acq: 15 Nov 2019 17:57

Instrument :

BNA_G

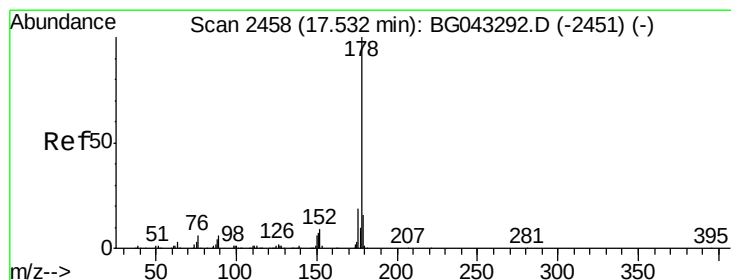
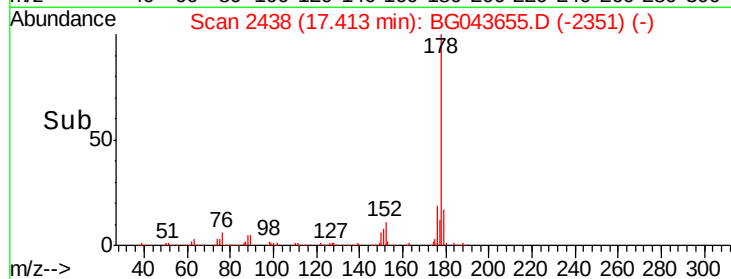
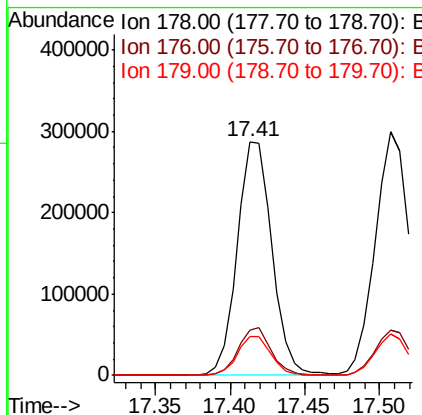
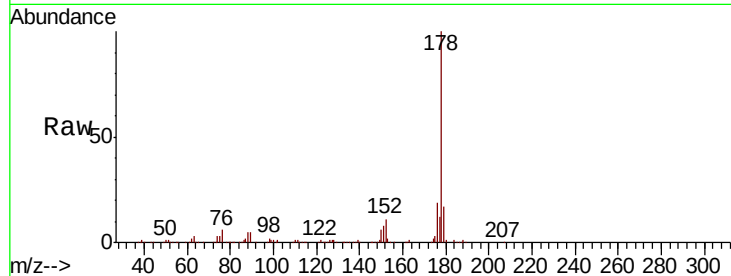
ClientSampleId :

PB124801BS

Tot Ion:178	Resp:	464332
Ion Ratio	Lower	Upper
178	100	
176	19.2	15.4 23.0
179	16.7	13.0 19.6

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#72

Anthracene

Concen: 49.972 ng

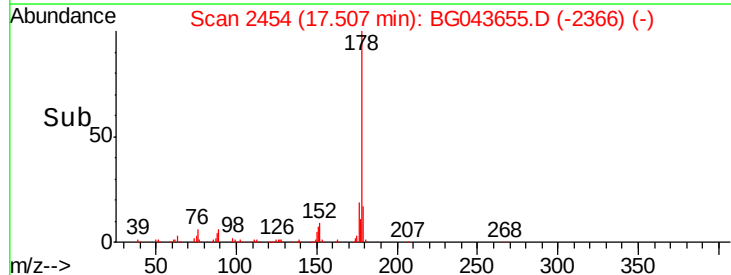
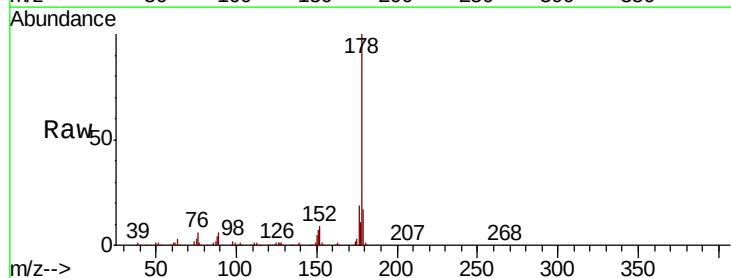
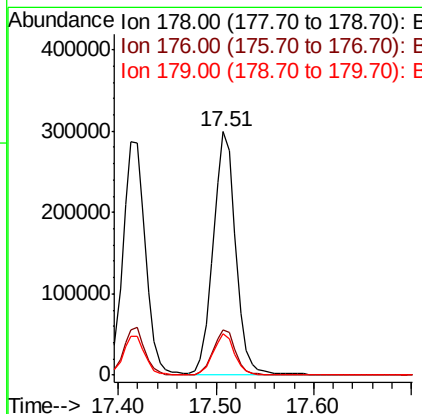
RT: 17.51 min Scan# 2454

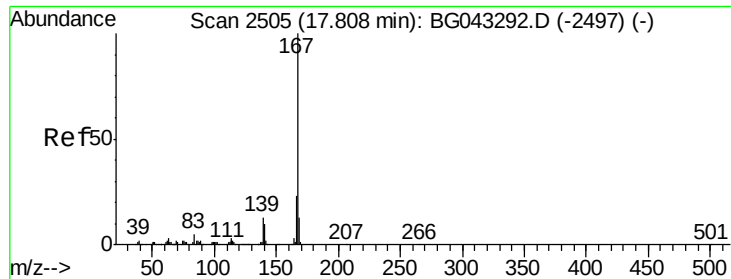
Delta R.T. -0.01 min

Lab File: BG043655.D

Acq: 15 Nov 2019 17:57

Tgt Ion:178	Resp:	476838
Ion Ratio	Lower	Upper
178	100	
176	18.8	15.5 23.3
179	16.7	13.7 20.5





#73

Carbazole

Concen: 50.002 ng

RT: 17.78 min Scan# 2501

Delta R.T. -0.01 min

Lab File: BG043655.D

Acq: 15 Nov 2019 17:57

Instrument :

BNA_G

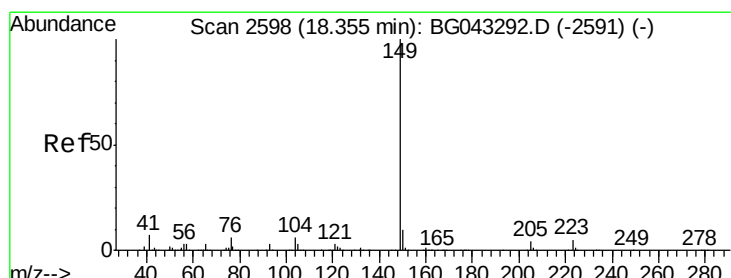
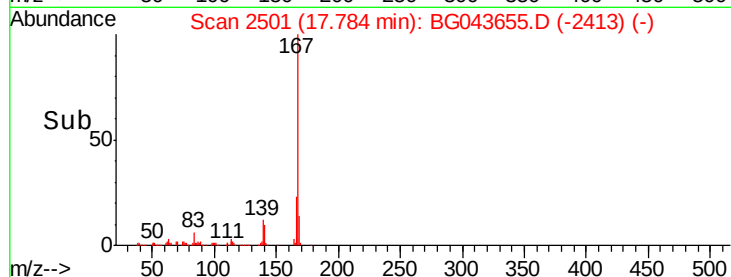
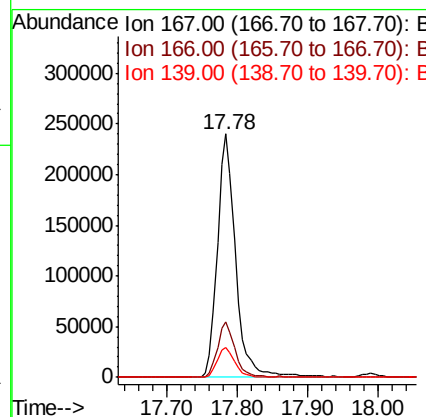
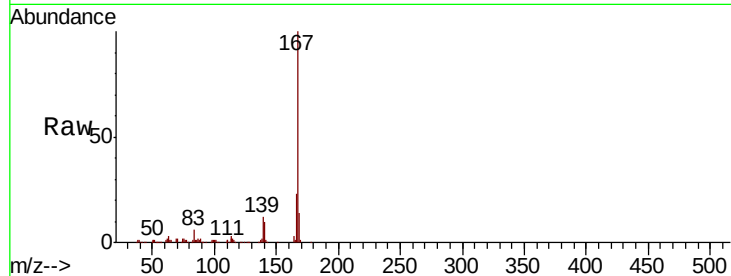
ClientSampleId :

PB124801BS

Tot Ion:	167	Resp:	432067
Ion Ratio	Lower	Upper	
167	100		
166	22.9	18.7	28.1
139	12.2	10.0	15.0

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#74

Di-n-butylphthalate

Concen: 48.772 ng

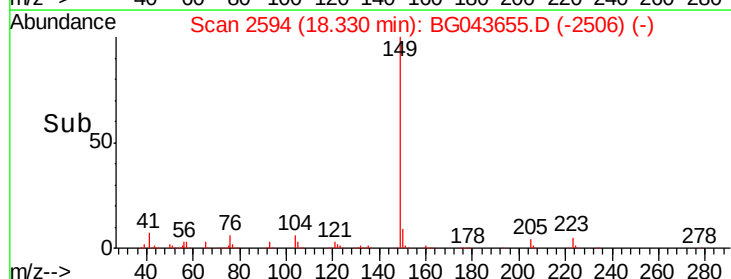
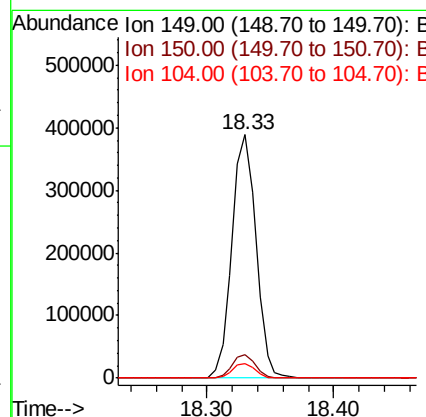
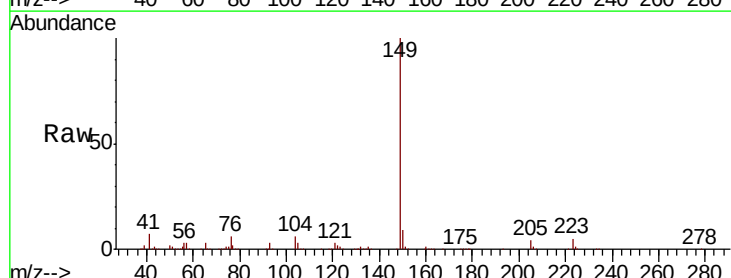
RT: 18.33 min Scan# 2594

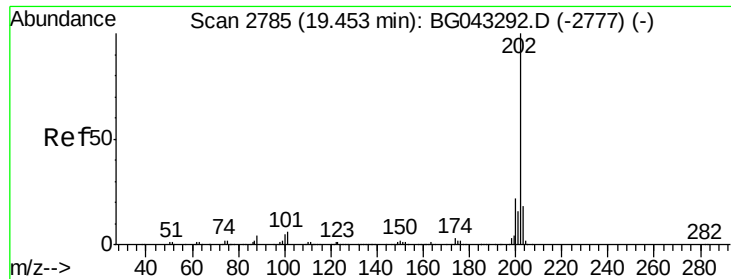
Delta R.T. -0.01 min

Lab File: BG043655.D

Acq: 15 Nov 2019 17:57

Tgt Ion:	149	Resp:	511362
Ion Ratio	Lower	Upper	
149	100		
150	9.5	8.0	12.0
104	6.1	4.4	6.6





#75

Fluoranthene

Concen: 50.284 ng

RT: 19.43 min Scan# 2781

Delta R.T. -0.01 min

Lab File: BG043655.D

Acq: 15 Nov 2019 17:57

Instrument :

BNA_G

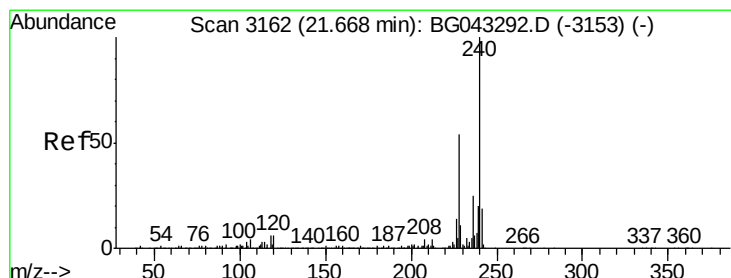
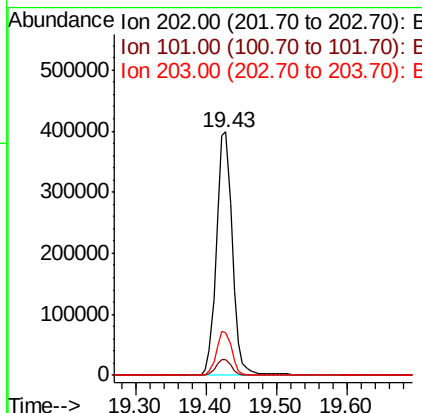
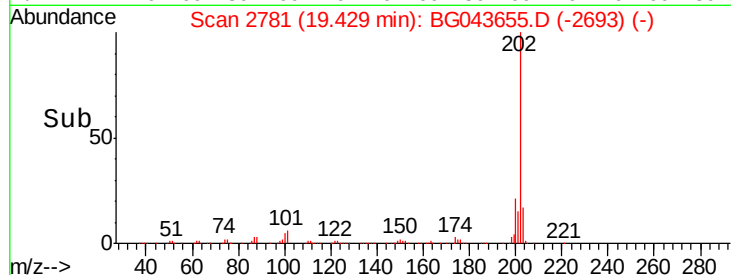
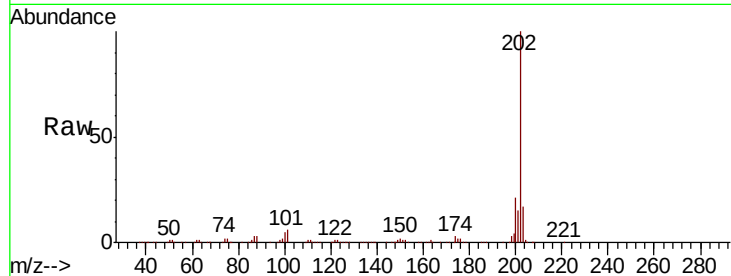
ClientSampleId :

PB124801BS

Tot Ion:	202	Resp:	625209
Ion Ratio	Lower	Upper	
202	100		
101	6.4	0.0	26.3
203	17.4	0.0	37.9

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#76

Chrysene-d12

Concen: 20.000 ng

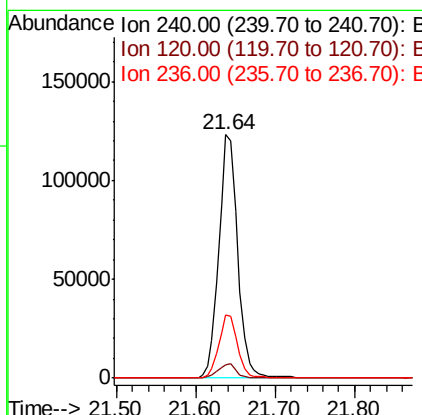
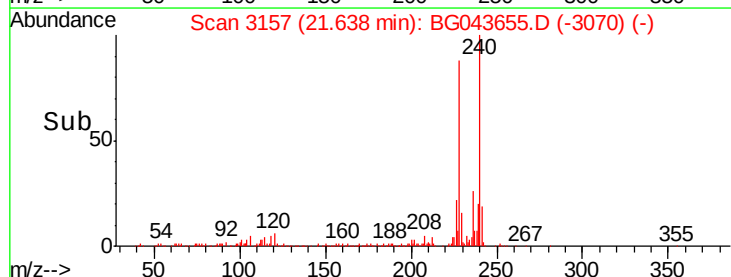
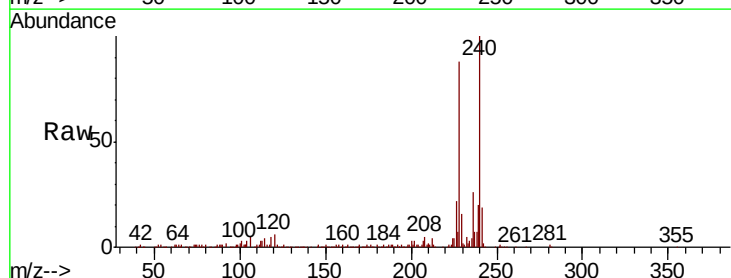
RT: 21.64 min Scan# 3157

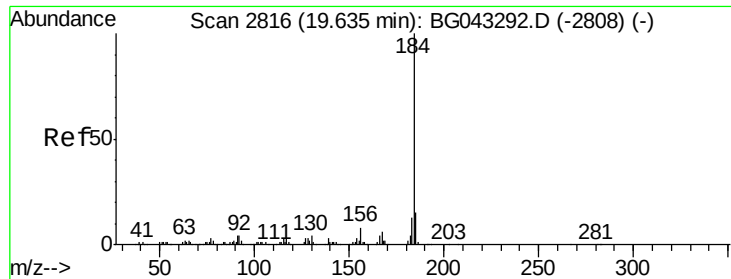
Delta R.T. -0.02 min

Lab File: BG043655.D

Acq: 15 Nov 2019 17:57

Tgt Ion:	240	Resp:	202832
Ion Ratio	Lower	Upper	
240	100		
120	5.7	4.6	6.8
236	26.1	19.8	29.8





#77

Benzidine

Concen: 23.510 ng

RT: 19.61 min Scan# 2812

Delta R.T. -0.01 min

Lab File: BG043655.D

Acq: 15 Nov 2019 17:57

Instrument :

BNA_G

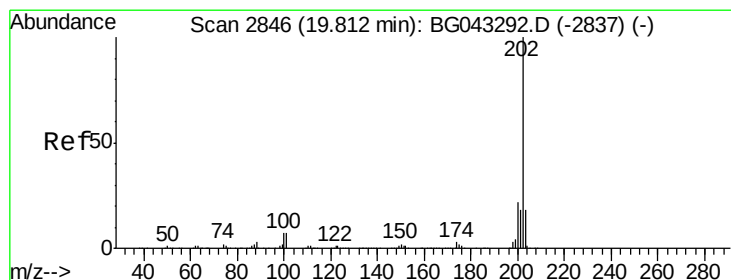
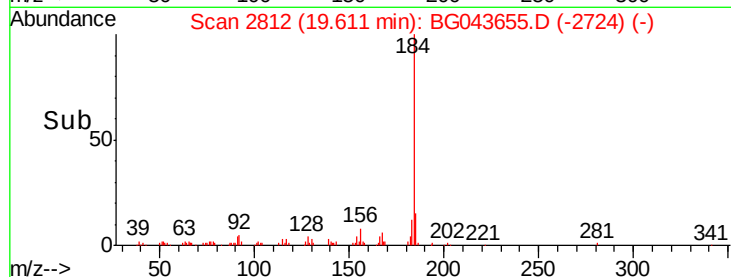
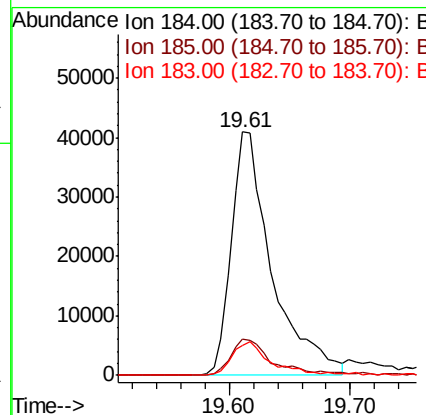
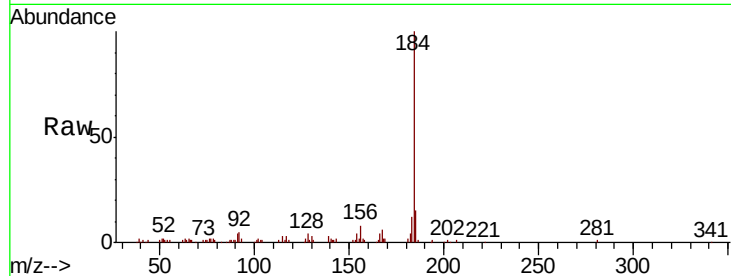
ClientSampleId :

PB124801BS

Tot Ion:	184	Resp:	95969
Ion Ratio	Lower	Upper	
184	100		
185	14.7	11.0	16.4
183	12.4	10.0	15.0

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#78

Pyrene

Concen: 49.737 ng

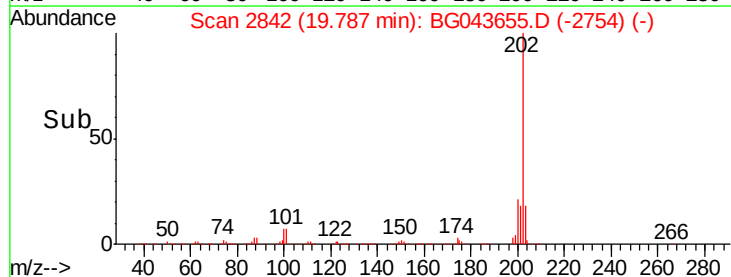
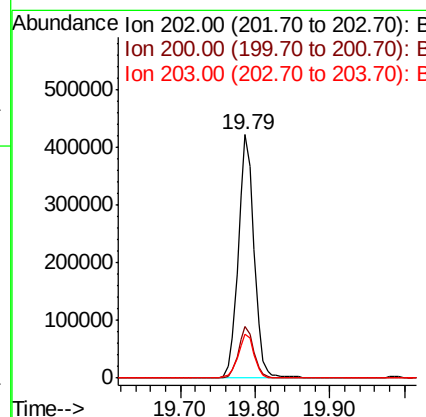
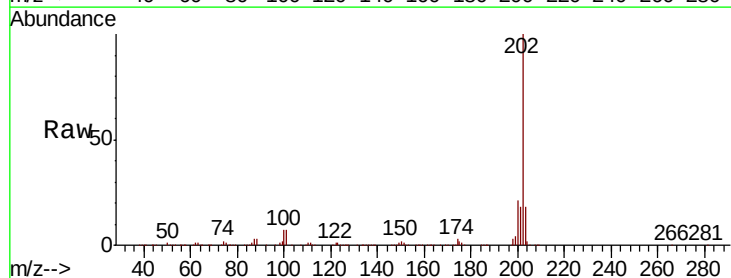
RT: 19.79 min Scan# 2842

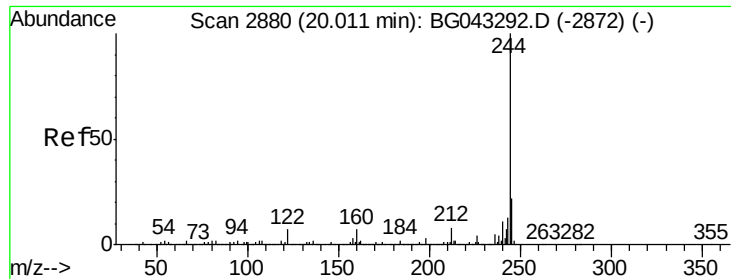
Delta R.T. -0.01 min

Lab File: BG043655.D

Acq: 15 Nov 2019 17:57

Tgt Ion:	202	Resp:	624455
Ion Ratio	Lower	Upper	
202	100		
200	21.0	17.0	25.4
203	17.8	14.7	22.1





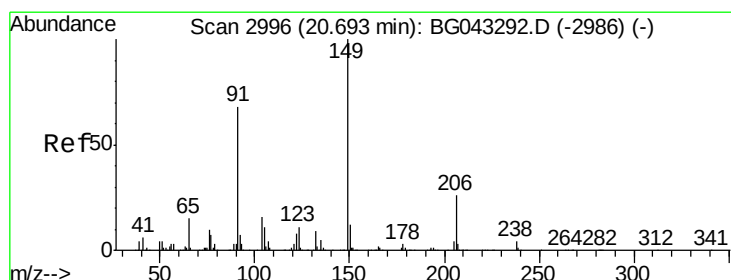
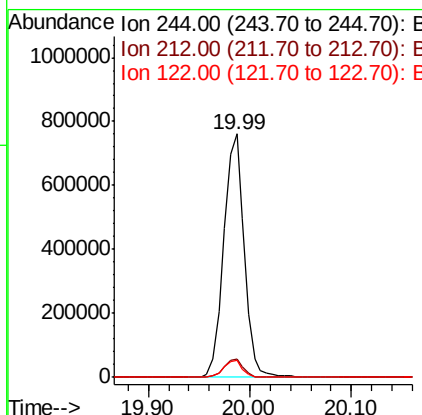
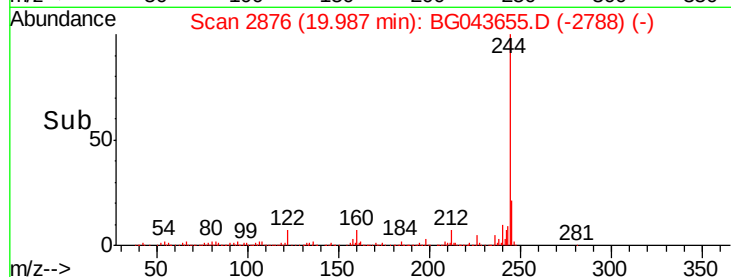
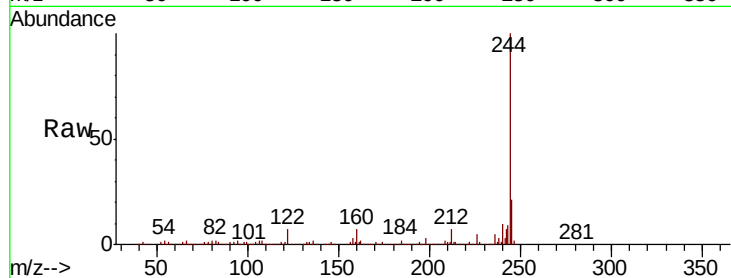
#79
 Terphenyl-d14
 Concen: 98.426 ng
 RT: 19.99 min Scan# 2876
 Delta R.T. -0.01 min
 Lab File: BG043655.D
 Acq: 15 Nov 2019 17:57

Instrument :
 BNA_G
 ClientSampleId :
 PB124801BS

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.8	8.6
122	6.8	5.4	8.2

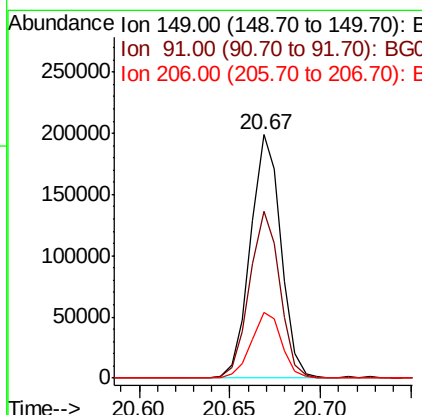
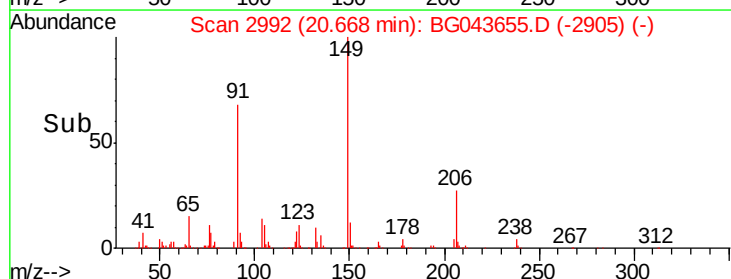
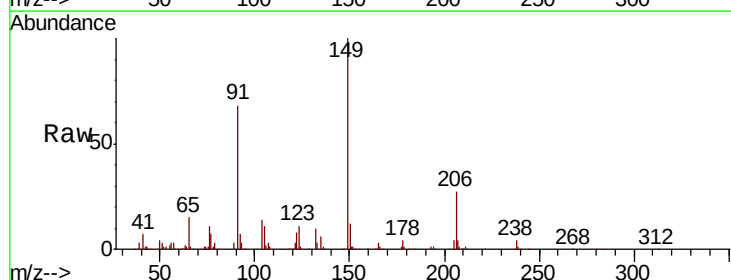
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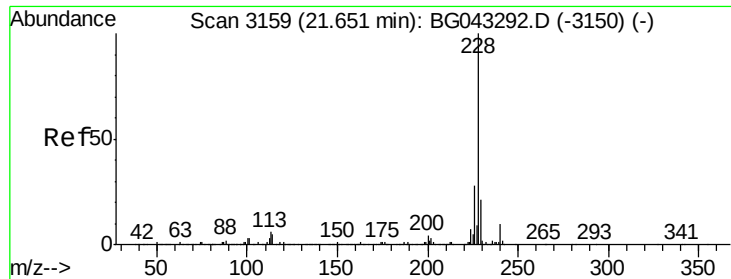
mohammad
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#80
 Butylbenzylphthalate
 Concen: 49.207 ng
 RT: 20.67 min Scan# 2992
 Delta R.T. -0.02 min
 Lab File: BG043655.D
 Acq: 15 Nov 2019 17:57

Tgt Ion	Ratio	Lower	Upper
149	100		
91	68.3	51.2	76.8
206	26.8	22.5	33.7





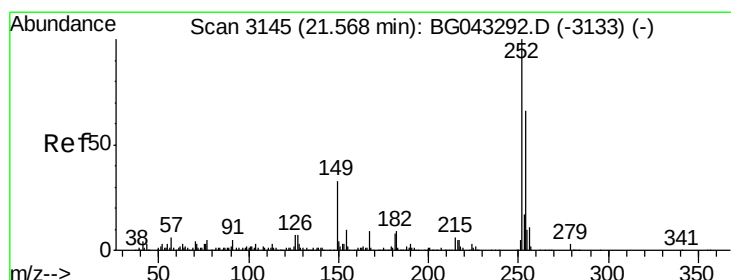
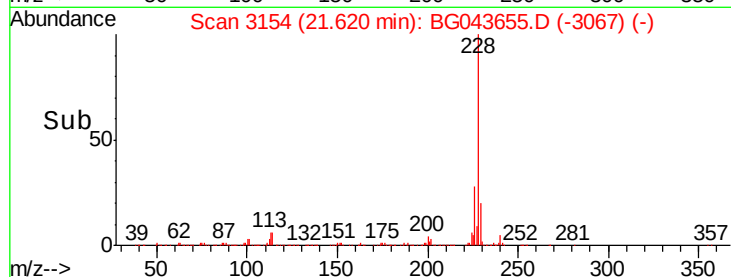
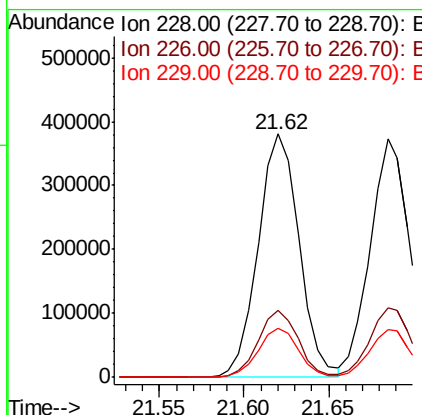
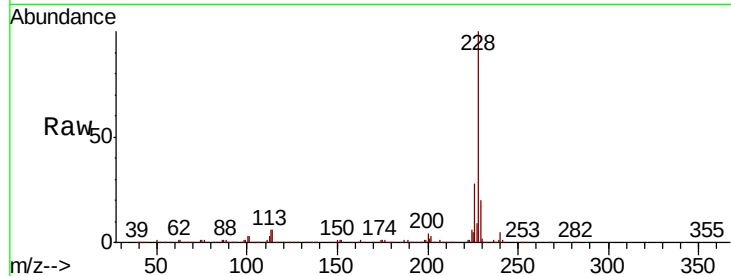
#81
Benzo(a)anthracene
Concen: 50.642 ng
RT: 21.62 min Scan# 3154
Delta R.T. -0.02 min
Lab File: BG043655.D
Acq: 15 Nov 2019 17:57

Instrument :
BNA_G
ClientSampleId :
PB124801BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.5	22.2	33.2
229	20.1	17.0	25.4

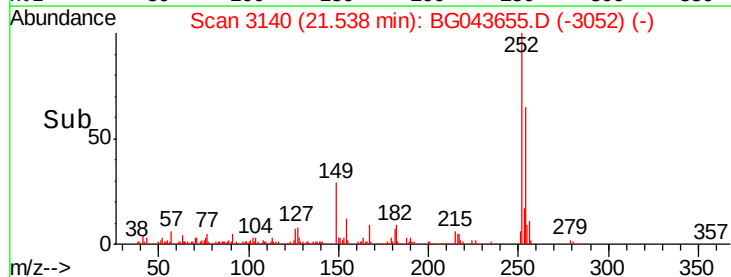
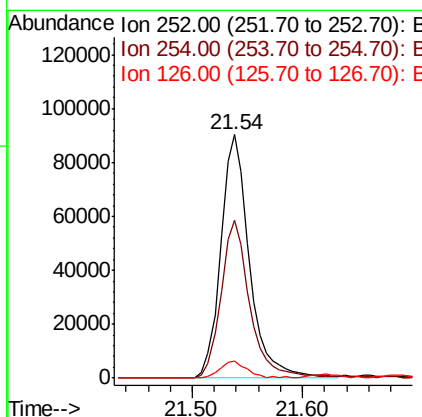
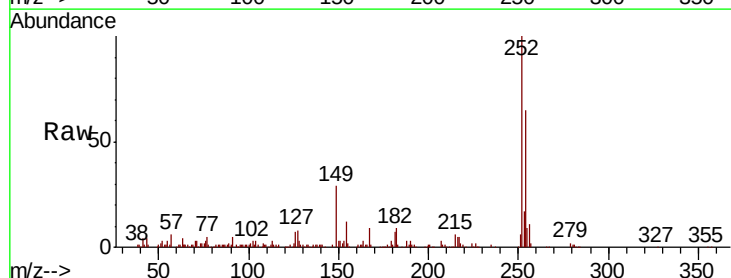
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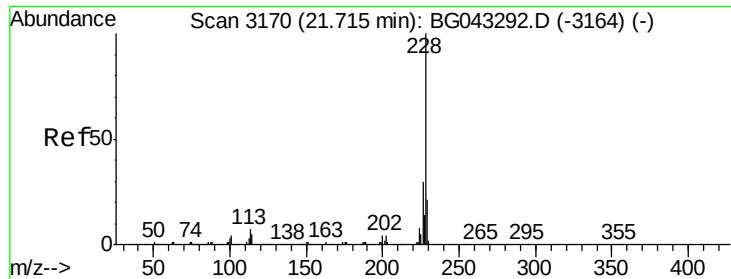
mohammad
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#82
3,3'-Dichlorobenzidine
Concen: 33.361 ng
RT: 21.54 min Scan# 3140
Delta R.T. -0.01 min
Lab File: BG043655.D
Acq: 15 Nov 2019 17:57

Tgt Ion	Ratio	Lower	Upper
252	100		
254	65.0	50.8	76.2
126	7.0	6.1	9.1





#83

Chrysene

Concen: 49.141 ng

RT: 21.68 min Scan# 3165

Delta R.T. -0.02 min

Lab File: BG043655.D

Acq: 15 Nov 2019 17:57

Instrument :

BNA_G

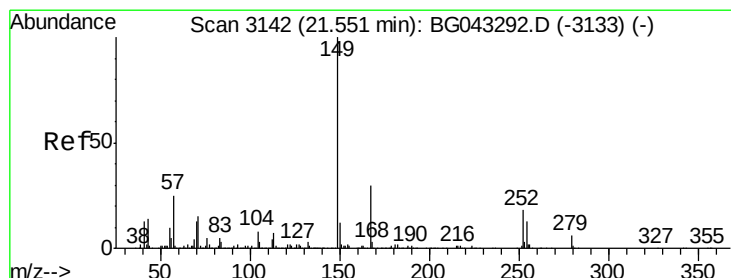
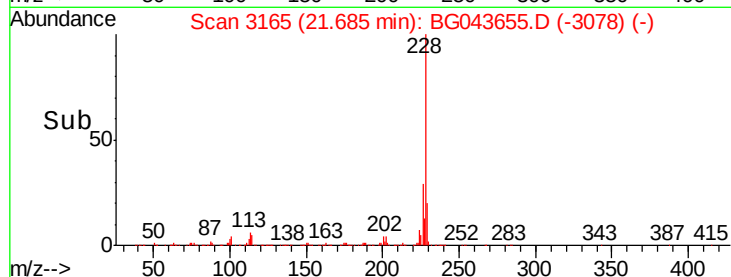
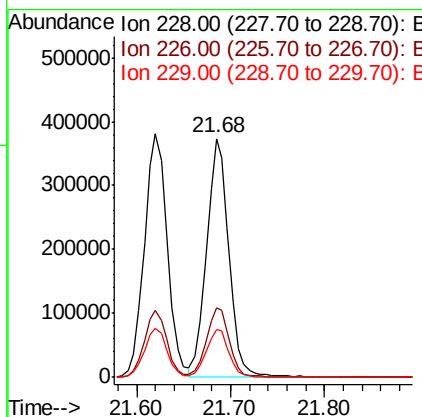
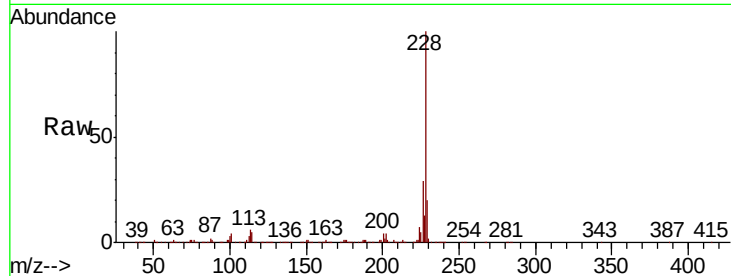
ClientSampleId :

PB124801BS

Tot Ion:	228	Resp:	620343
Ion Ratio	Lower	Upper	
228	100		
226	29.3	25.1	37.7
229	19.9	17.0	25.4

Manual Integrations
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#84

Bis(2-ethylhexyl)phthalate

Concen: 51.288 ng

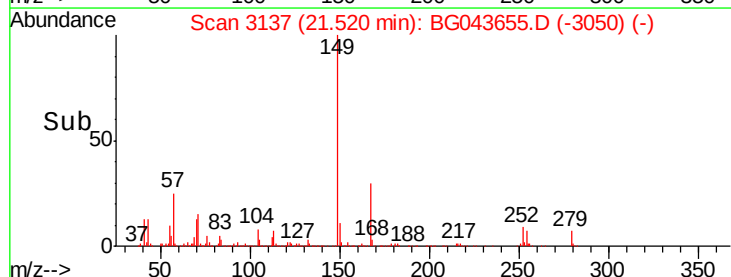
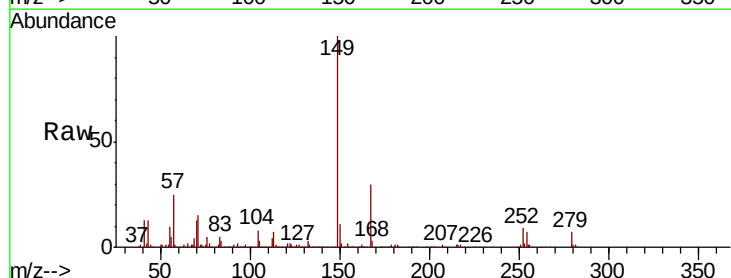
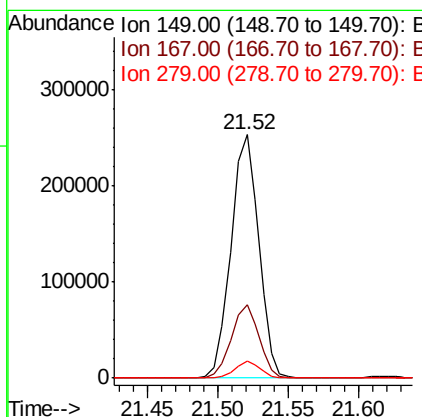
RT: 21.52 min Scan# 3137

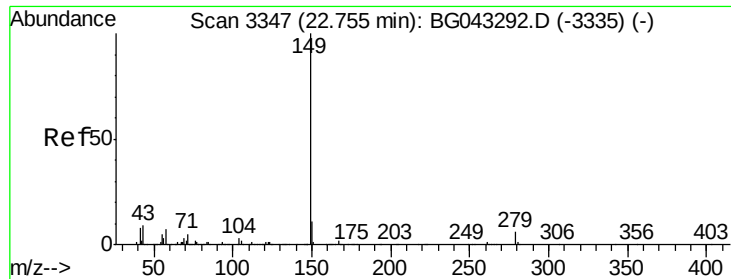
Delta R.T. -0.02 min

Lab File: BG043655.D

Acq: 15 Nov 2019 17:57

Tgt Ion:	149	Resp:	346541
Ion Ratio	Lower	Upper	
149	100		
167	30.0	24.0	36.0
279	7.2	5.4	8.2





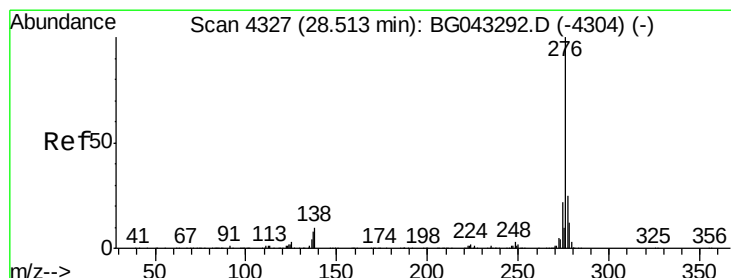
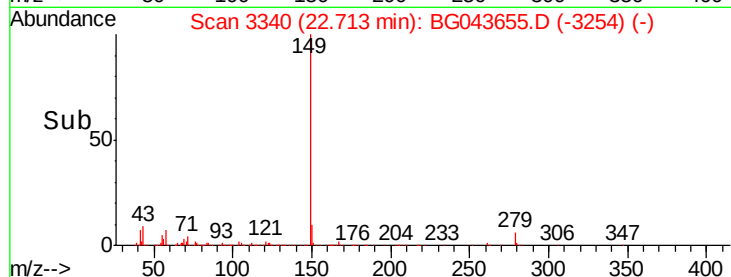
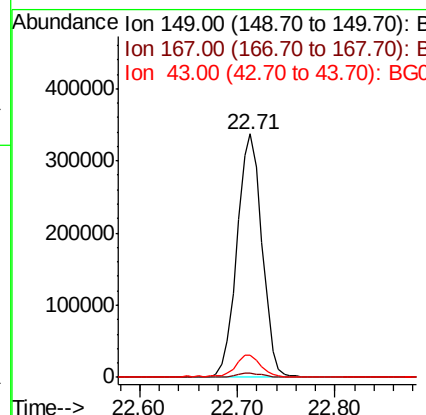
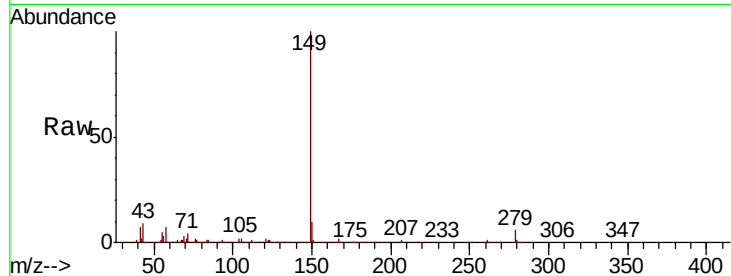
#85
Di-n-octyl phthalate
Concen: 52.037 ng
RT: 22.71 min Scan# 3340
Delta R.T. -0.02 min
Lab File: BG043655.D
Acq: 15 Nov 2019 17:57

Instrument :
BNA_G
ClientSampleId :
PB124801BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	596521		
167	1.7		1.4	2.2
43	9.2		7.0	10.6

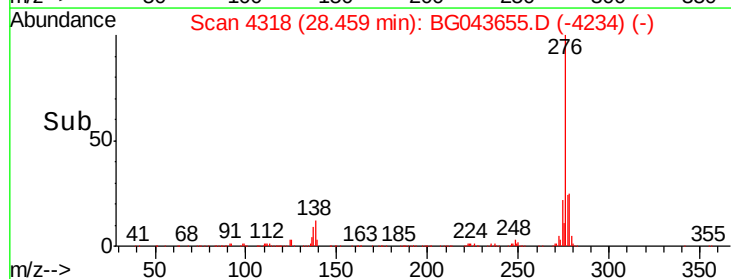
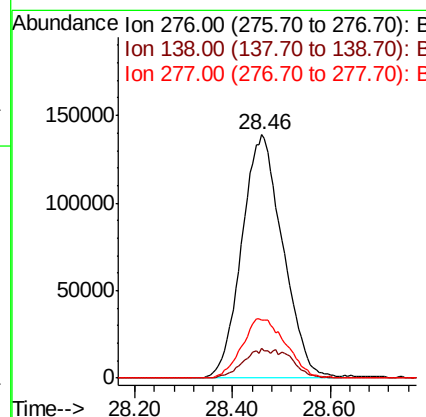
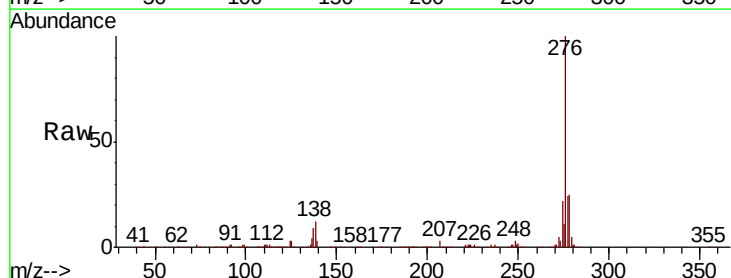
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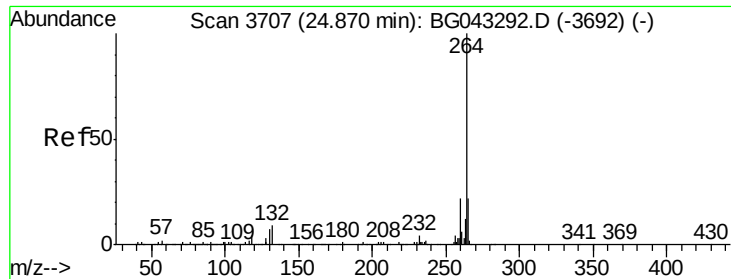
mohammad
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#86
Indeno(1,2,3-cd)pyrene
Concen: 51.259 ng
RT: 28.46 min Scan# 4318
Delta R.T. -0.04 min
Lab File: BG043655.D
Acq: 15 Nov 2019 17:57

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	812241		
138	7.8		6.8	10.2
277	26.1		20.9	31.3





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.82 min Scan# 3698

Delta R.T. -0.04 min

Lab File: BG043655.D

Acq: 15 Nov 2019 17:57

Instrument :

BNA_G

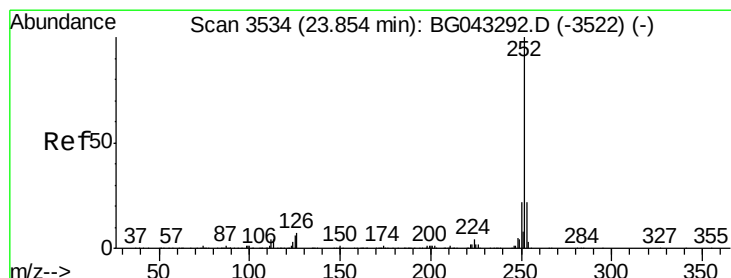
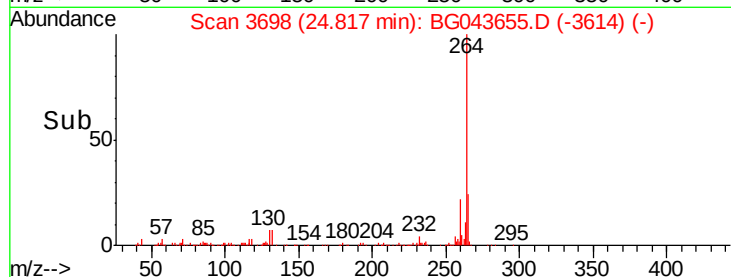
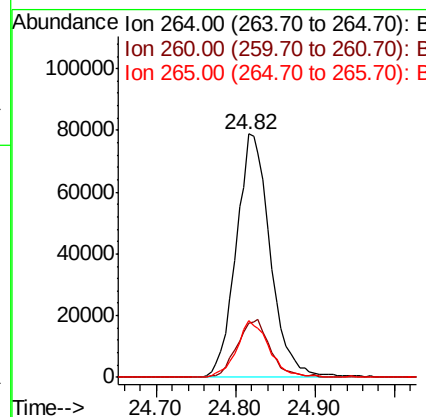
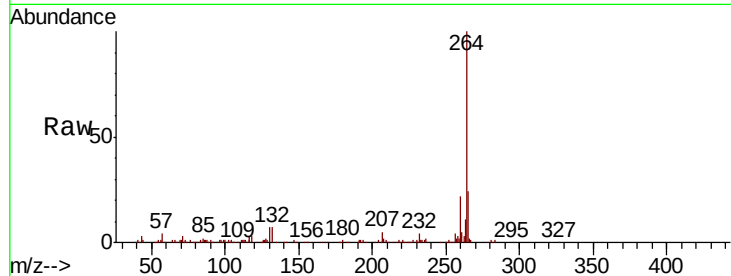
ClientSampleId :

PB124801BS

Tot Ion:	264	Resp:	233837
Ion Ratio	Lower	Upper	
264	100		
260	22.3	17.5	26.3
265	23.5	17.4	26.0

Manual Integrations
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#88

Benzo(b)fluoranthene

Concen: 51.961 ng

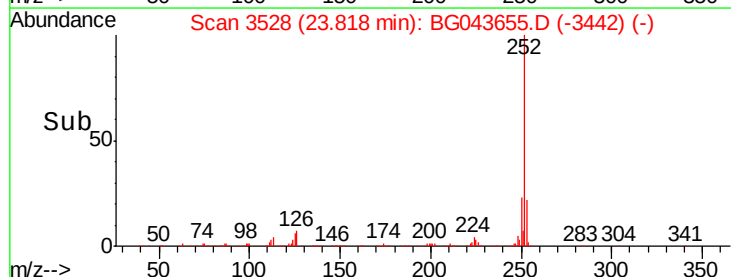
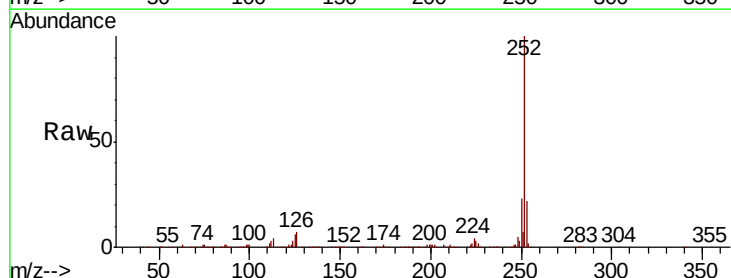
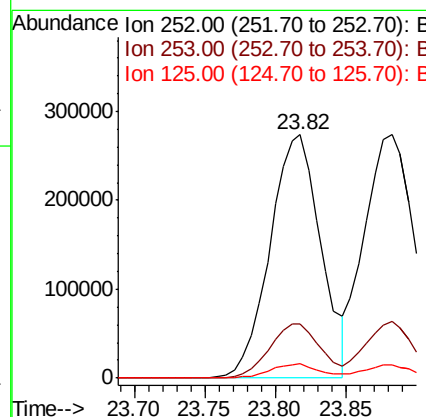
RT: 23.82 min Scan# 3528

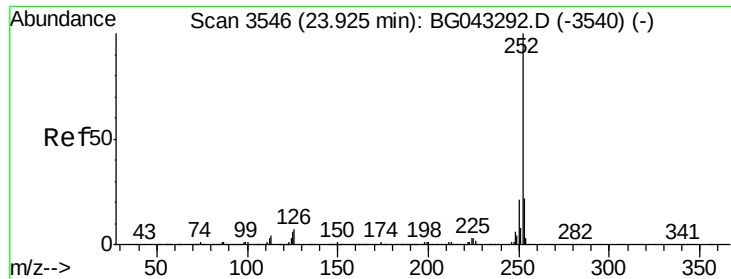
Delta R.T. -0.02 min

Lab File: BG043655.D

Acq: 15 Nov 2019 17:57

Tgt Ion:	252	Resp:	688156
Ion Ratio	Lower	Upper	
252	100		
253	22.3	17.7	26.5
125	5.8	4.5	6.7





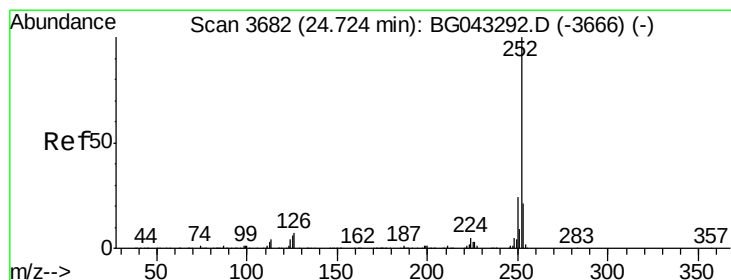
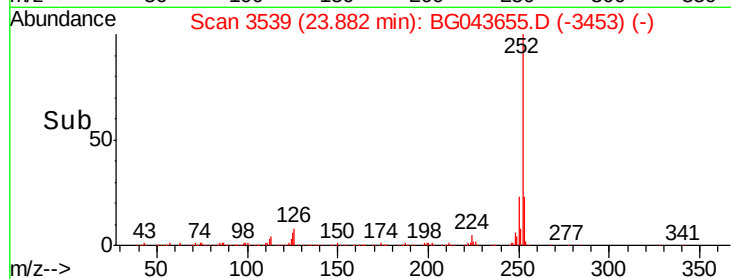
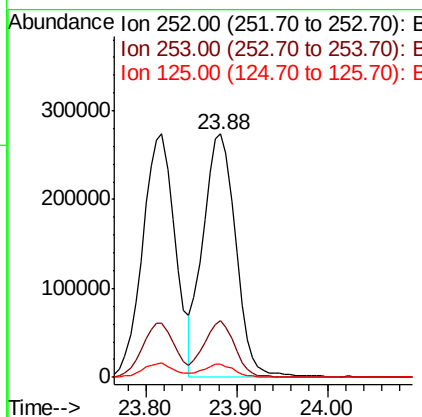
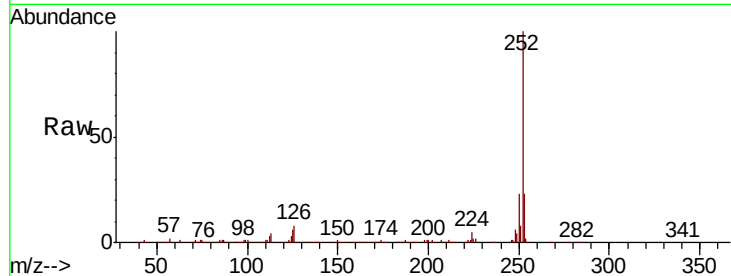
#89
Benzo(k)fluoranthene
Concen: 51.400 ng
RT: 23.88 min Scan# 3539
Delta R.T. -0.02 min
Lab File: BG043655.D
Acq: 15 Nov 2019 17:57

Instrument :
BNA_G
ClientSampleId :
PB124801BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.3	25.9
125	5.6	4.6	6.8

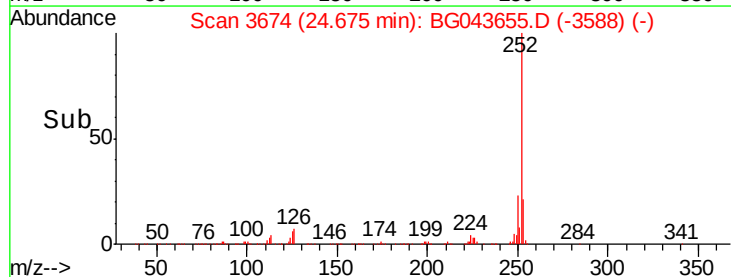
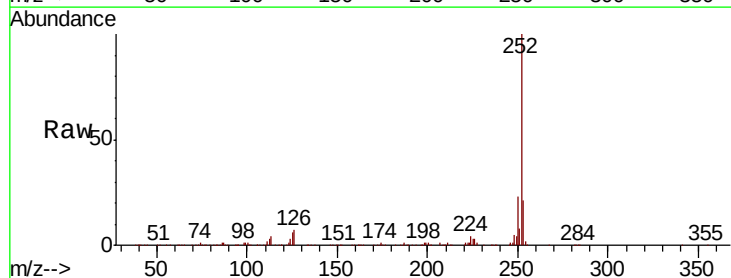
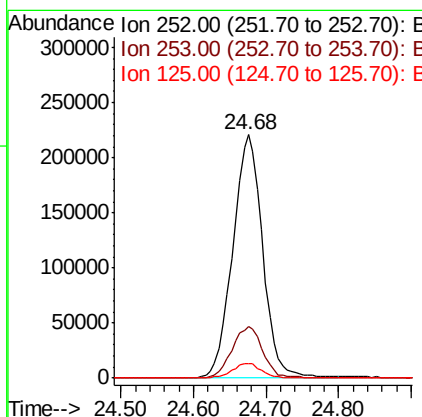
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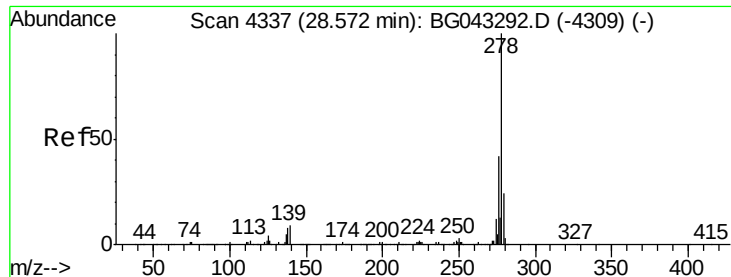
mohammad
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#90
Benzo(a)pyrene
Concen: 49.624 ng
RT: 24.68 min Scan# 3674
Delta R.T. -0.02 min
Lab File: BG043655.D
Acq: 15 Nov 2019 17:57

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.4	17.8	26.8
125	6.1	5.4	8.2





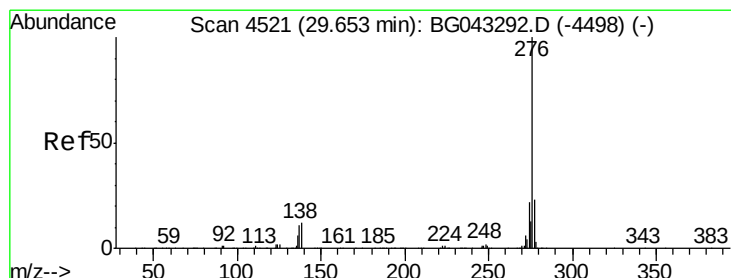
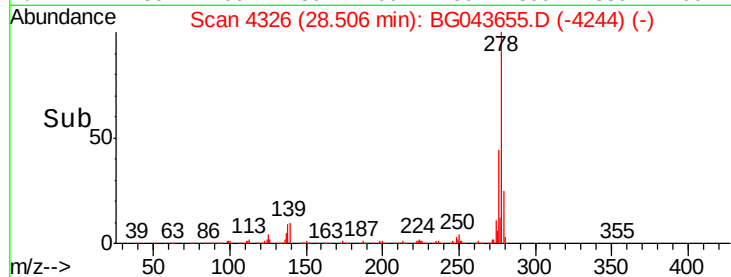
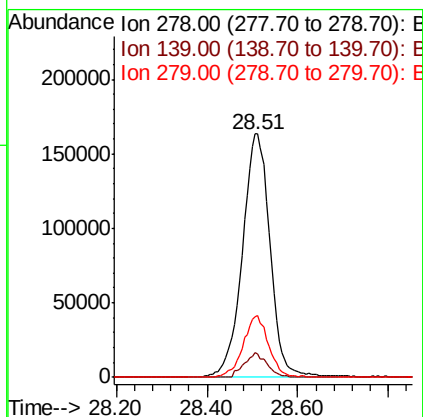
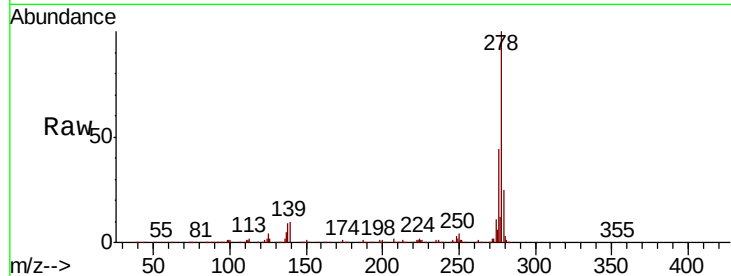
#91
Dibenzo(a,h)anthracene
Concen: 53.434 ng
RT: 28.51 min Scan# 4326
Delta R.T. -0.05 min
Lab File: BG043655.D
Acq: 15 Nov 2019 17:57

Instrument :
BNA_G
ClientSampleId :
PB124801BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	10.0	7.4	11.0
279	24.9	19.1	28.7

Manual Integrations
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#92
Benzo(g,h,i)perylene
Concen: 53.617 ng
RT: 29.59 min Scan# 4511
Delta R.T. -0.04 min
Lab File: BG043655.D
Acq: 15 Nov 2019 17:57

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.5	18.9	28.3
138	11.4	8.9	13.3

